



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | GPR56                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms                     | BFPP;BPPR;GPR56;TM7LN4;TM7XN1                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description                  | Recombinant Human GPR56 Protein with C-terminal 6×His tag                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Uniprot ID                   | Q9Y653                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag                          | C-6×His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Molecular Characterization   | GPR56(Arg26-Tyr402) 6×His tag                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Molecular Weight             | The protein has a predicted molecular mass of 43.6 kDa after removal of the signal peptide. The apparent molecular mass of GPR56-His is approximately 55-70 kDa due to glycosylation.                                                                                                                                                                                                                                                                                             |
| Purity                       | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                                                              |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                                                                                  |
| Storage & Shipping           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                                                                               |
| Background                   | This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |





Figure 1.Human GPR56 Protein, His Tag on SDS-PAGE under reducing condition.

