



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag                          | C-Flag&Strep Tag                                                                                                                                                                                                                                                                                                                                                                     |
| Target                       | AQP5                                                                                                                                                                                                                                                                                                                                                                                 |
| Synonyms                     | AQP-5; PPKB                                                                                                                                                                                                                                                                                                                                                                          |
| Description                  | Human AQP5-Strep full length protein-synthetic nanodisc                                                                                                                                                                                                                                                                                                                              |
| Delivery                     | 6~8weeks                                                                                                                                                                                                                                                                                                                                                                             |
| Uniprot ID                   | P55064                                                                                                                                                                                                                                                                                                                                                                               |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Families             | Druggable Genome, Transmembrane                                                                                                                                                                                                                                                                                                                                                      |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                                                                                                                                                  |
| Molecular Weight             | The human full length AQP5-Strep protein has a MW of 28.3 kDa                                                                                                                                                                                                                                                                                                                        |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| 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                   | Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13.                                                          |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                         |

