



# 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

### SZABO-SCANDIC HandelsgmbH

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                       | CD34                                                                                                                                                                                                                                                                                                                              |
| Synonyms                     | CD34 Molecule                                                                                                                                                                                                                                                                                                                     |
| Description                  | Recombinant human CD34 protein with C-terminal 6×His tag                                                                                                                                                                                                                                                                          |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                          |
| Uniprot ID                   | P28906                                                                                                                                                                                                                                                                                                                            |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                            |
| Tag                          | C-6×His Tag                                                                                                                                                                                                                                                                                                                       |
| Molecular Characterization   | CD34(Ser32-Thr290) 6×His tag                                                                                                                                                                                                                                                                                                      |
| Molecular Weight             | The protein has a predicted molecular mass of 28.3 kDa after removal of the signal peptide.                                                                                                                                                                                                                                       |
| Purity                       | The purity of the protein is greater than 95% 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                   | The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene. |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                 |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                      |



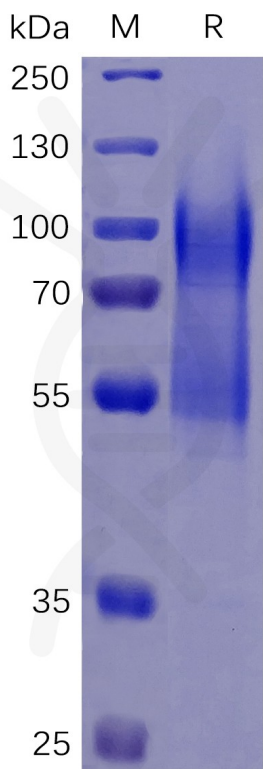


Figure 1. Human CD34 Protein, His Tag on SDS-PAGE under reducing condition.

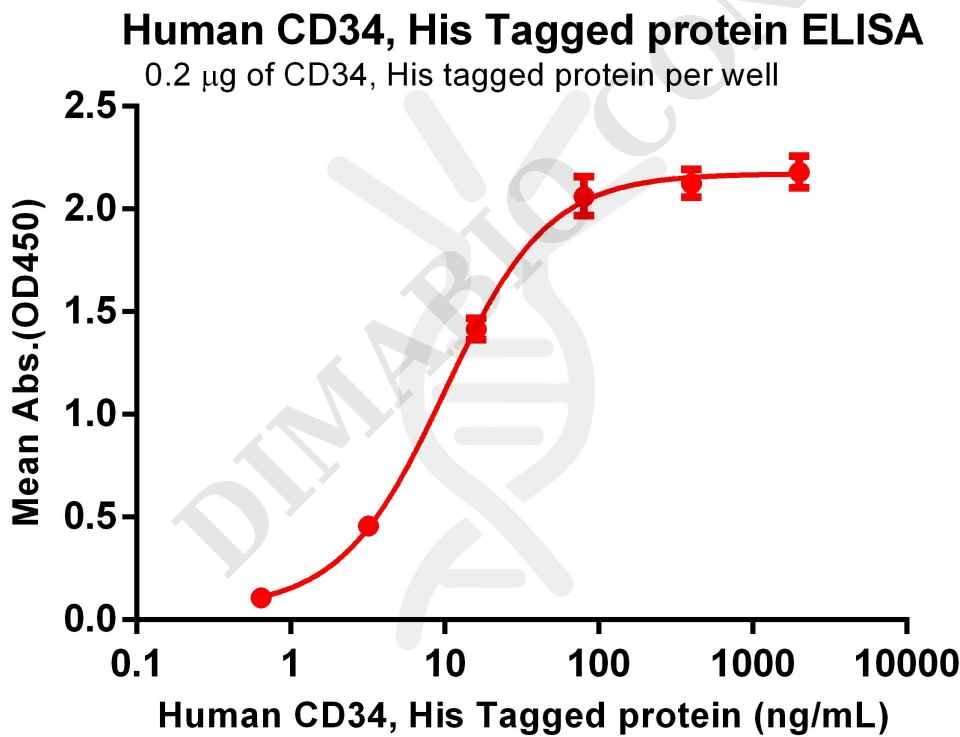


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CD34 Protein, His Tag (PME100469) can bind Anti-CD34 antibody(DM134), Rabbit mAb in a linear range of 0.64-3.20 ng/mL.

