



# 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

|                              |                                                                                                                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | CD7                                                                                                                                                                                                                                                                               |
| Synonyms                     | CD7;GP40;TP41;LEU-9;Tp40                                                                                                                                                                                                                                                          |
| Description                  | Recombinant human CD7 protein with C-terminal mouse Fc tag                                                                                                                                                                                                                        |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                          |
| Uniprot ID                   | P09564                                                                                                                                                                                                                                                                            |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                            |
| Tag                          | C-Mouse Fc Tag                                                                                                                                                                                                                                                                    |
| Molecular Characterization   | CD7(Ala26-Pro180) mFc(Pro99-Lys330)                                                                                                                                                                                                                                               |
| Molecular Weight             | The protein has a predicted molecular mass of 42.7 kDa after removal of the signal peptide. The apparent molecular mass of CD7-mFc is approximately 55-70 kDa due to glycosylation.                                                                                               |
| Purity                       | The purity of the protein is greater than 90% 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 transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. |
| Usage                        | Research use only                                                                                                                                                                                                                                                                 |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                      |



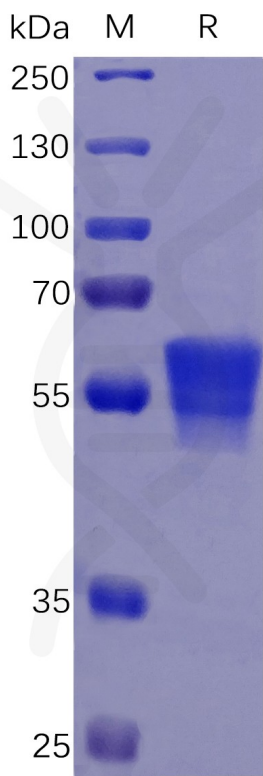


Figure 1. Human CD7 Protein, mFc Tag on SDS-PAGE under reducing condition.

**Human CD7, mFc tagged protein ELISA**  
0.1 µg of Human CD7, mFc tagged protein per well

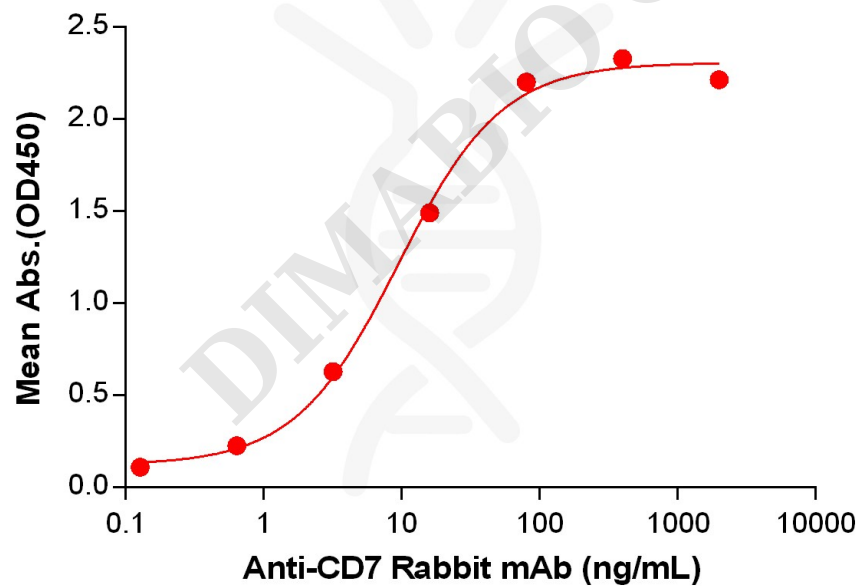


Figure 2. ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human CD7 Protein, mFc Tag (PME100464) can bind Anti-CD7 Rabbit mAb in a linear range of 3.2-80 ng/mL.

