

PRODUCT INFORMATION

Target CD7

CD7;GP40;TP41;LEU-9;Tp40 **Synonyms**

Recombinant human CD7 protein with C-terminal **Description**

mouse Fc tag

Delivery In Stock **Uniprot ID** P09564 **HEK293 Expression Host**

Tag C-Mouse Fc Tag

Molecular

Purity

CD7(Ala26-Pro180) mFc(Pro99-Lys330) Characterization

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 **Molecular Weight**

approximately 55-70 kDa due to glycosylation.

The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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-**Background**

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cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

Usage Research use only

Conjugate Unconjugated





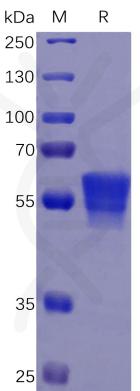


Figure 1. Human CD7 Protein, mFc Tag on SDS-PAGE under reducing condition.

Human CD7, mFc tagged protein ELISA

0.1 μg of Human CD7, mFc tagged protein per well

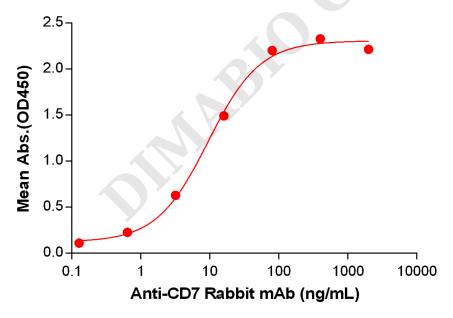


Figure 2. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human CD7 Protein, mFc Tag (PME100464) can bind Anti-CD7 Rabbit mAb in a linear range of 3.2-80 ng/mL.

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