

PRODUCT INFORMATION

CD37 Target

Synonyms CD37;TSPAN26;Tspan-26

Recombinant Human CD37 protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P11049 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

CD37(Arg112-Asn241) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

41.0 kDa after removal of the signal peptide. The apparent molecular mass of CD37-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis 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.

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development,

activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants

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encoding different isoforms.

Usage Research use only Conjugate Unconjugated



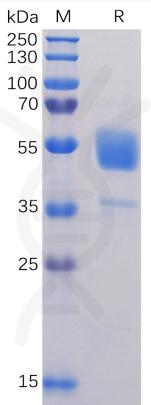


Figure 1. Human CD37 Protein, hFc Tag on SDS-PAGE under reducing condition.

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