

Datasheet for ABIN6961141
CD37 Protein (AA 112-241) (Fc Tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD37 (TSPAN26)
Protein Characteristics:	AA 112-241
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD37 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CD37 protein with C-terminal human Fc tag
Specificity:	CD37 (Arg112-Asn241) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD37 (TSPAN26)
Alternative Name:	CD37 (TSPAN26 Products)
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also

Target Details

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 encoding different isoforms.

Molecular Weight: predicted molecular mass of 41.0 kDa after removal of the signal peptide. The apparent molecular mass of CD37-hFc is 35-55 kDa due to glycosylation.

Gene ID: 951

UniProt: [P11049](#)

Pathways: [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Restrictions: For Research Use only

Handling

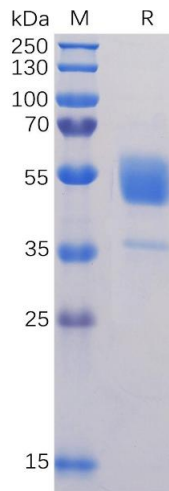
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

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