

HUMAN CD2 PROTEIN, HFC TAG

Cat.#: 11392

Product Name: Human CD2 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: LFA-2;SRBC;T11

Target: CD2

UNIPROT ID: P06729

Description: Recombinant Human CD2 Protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene. [provided by RefSeq, Jun 2016]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 47.4 kDa after removal of the signal peptide. The apparent molecular mass of CD2-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: CD2(Lys25-Asp209) hFc(Glu99-Ala330)

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

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization.

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.

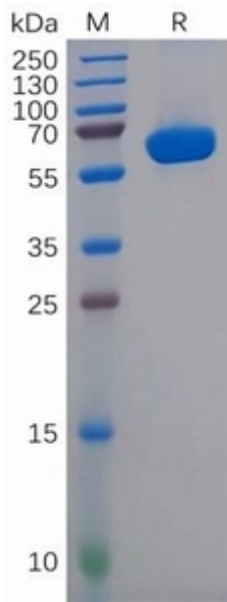


Figure 1. Human CD2 Protein, His Tag on SDS-PAGE under reducing condition.