

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010

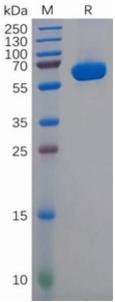


Figure 1. Human CD2 Protein, His Tag on SDS-PAGE under reducing condition.