HUMAN CD300LF PROTEIN, HFC TAG

Cat.#: 11940

Product Name: Human CD300LF Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CD300f;CLM-1;CLM1;IgSF13;IREM-1;IREM1;LMIR3;NKIR

Target: CD300LF

UNIPROT ID: Q8TDQ1

Description: Recombinant Human CD300LF Protein with C-terminal human Fc tag

Background: This gene encodes a member of the CD300 protein family. Members of this family are cell surface glycoproteins with a single IgV-like extracellular domain, and are involved in the regulation of immune response. The encoded protein is an inhibitory receptor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 41.5 kDa after removal of the signal peptide. The apparent molecular mass of CD300LF-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: CD300LF(Thr20-Leu155) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% 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.

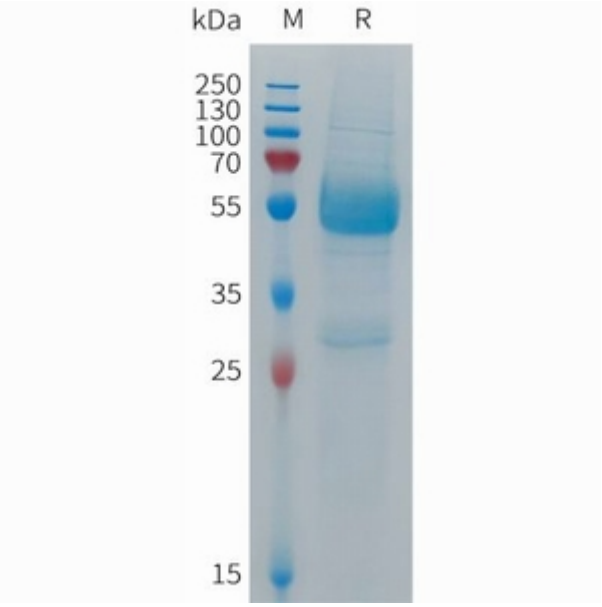

Figure 1.Human CD300LF Protein, hFc Tag on SDS-PAGE under reducing condition.