HUMAN CLEC1A PROTEIN, HFC TAG

Cat.#: 11406

Product Name: Human CLEC1A Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CLEC-1;CLEC1

Target: CLEC1A

UNIPROT ID: Q8NC01

Description: Recombinant Human CLEC1A Protein with N-terminal human Fc tag

Background: This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. The encoded protein may play a role in regulating dendritic cell function. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 50.0 kDa after removal of the signal peptide.The apparent molecular mass of hFc-CLEC1A is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) CLEC1A(Gln74-Asp280)

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.

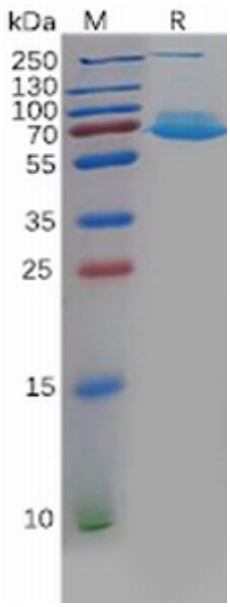

Figure 1. Human CLEC1A Protein, hFc Tag on SDS-PAGE under reducing condition.