HUMAN CLEC1B PROTEIN, HIS TAG

Cat.#: 11863

Product Name: Human CLEC1B Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CLEC2;CLEC2B;PRO1384;QDED721

Target: CLEC1B

UNIPROT ID: Q9P126

Description: Recombinant Human CLEC1B Protein with N-terminal 6xHis tag

Background: Natural killer (NK) cells express multiple calcium-dependent (C-type) lectin-like receptors, such as CD94 (KLRD1; MIM 602894) and NKG2D (KLRC4; MIM 602893), that interact with major histocompatibility complex class I molecules and either inhibit or activate cytotoxicity and cytokine secretion. CLEC2 is a C-type lectin-like receptor expressed in myeloid cells and NK cells (Colonna et al., 2000 [PubMed 10671229]).[supplied by OMIM, Jan 2011]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 21.5 kDa after removal of the signal peptide. The apparent molecular mass of His-CLEC1B is approximately 25-35 kDa due to glycosylation.

Molecular Characterization: 6×His tag CLEC1B(Ser55-Pro229)

Purity: The purity of the protein is greater than 85% 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.

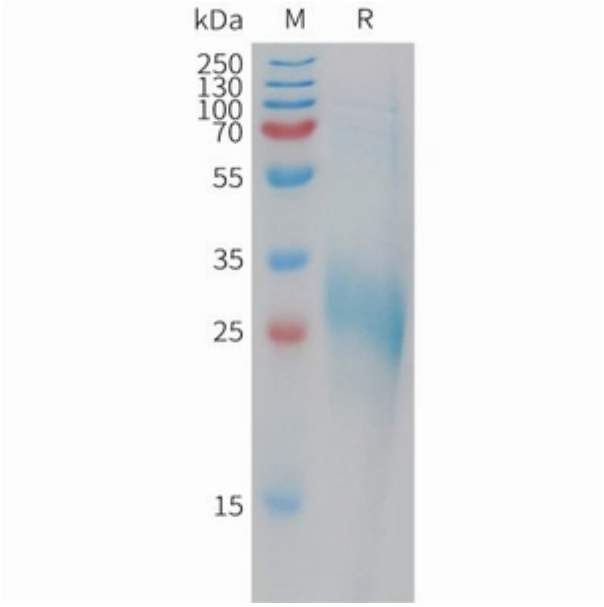

Figure 1. Human CLEC1B Protein, His Tag on SDS-PAGE under reducing condition.