PRODUCT INFORMATION

Target	CLEC1B
Synonyms	CLEC2;CLEC2B;PRO1384;QDED721
Description	Recombinant Human CLEC1B Protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9P126
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His tag CLEC1B(Ser55-Pro229)
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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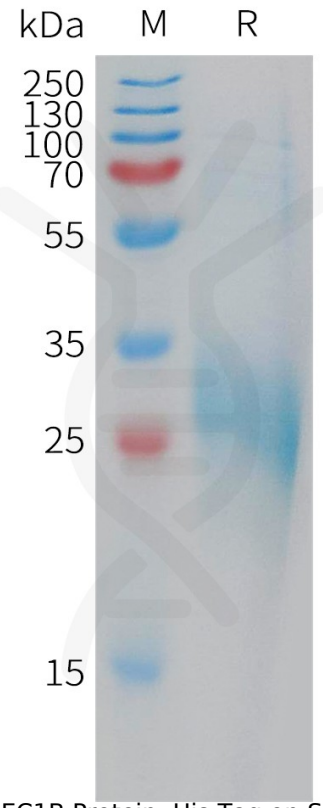


Figure 1. Human CLEC1B Protein, His Tag on SDS-PAGE under reducing condition.

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