

Active Recombinant Human CLEC1B protein, His-tagged

Cat. No. CLEC1B-279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC1B protein(Ser 55 - Pro 229), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser 55 - Pro 229
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human CLEC-2, His Tag at 5 µg/mL (100 µL/well) can bind Human Podoplanin, Fc Tag with a linear range of 0.3-20 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 22.6 kDa. The protein migrates as 34-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CLEC1B C-type lectin domain family 1, member B [Homo sapiens]

Official Symbol CLEC1B

Synonyms CLEC1B; C-type lectin domain family 1, member B; C-type lectin domain family 1 member B; CLEC2; CLEC-2; C-type lectin-like receptor 2; C-type lectin-like receptor-2; CLEC2B; PRO1384; QDED721; 1810061I13Rik;

Gene ID 51266

mRNA Refseq NM_001099431

Protein Refseq NP_001092901

MIM 606783

UniProt ID Q9P126

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