

Recombinant Human CLEC1B protein, His-tagged

Cat. No. CLEC1B-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CLEC1B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	CLEC1B, as known as C-type lectin domain family 1 member B, is a type 2 transmembrane glycoprotein and member of the C-type lectin-like family of receptors. This protein is expressed preferentially in liver, and is also detected in myeloid cells, platelets, and megakaryocytes. It has been reported that CLEC2/CLEC1B mediates powerful platelet aggregation by binding to the snake venom protein, rhodocytin and the molecule podoplanin.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	21.8kDa (184aa) 28-57kDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPSVMQRNY LQGENENRTG TLQQLAKRFC QYVVKQSELK GTFKGHKCSP CDTNWRYYYGD SCYGFFRHNL TWEESKQYCT DMNATLLKID NRNIVEYIKA RTHLIRWVGL SRQKSNEVWK WEDGSVISEN MFEFLEDGKG NMNCAYFHNG KMHPTFCENK HYLMCERKAG MTKVDQLPHH HHHH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)

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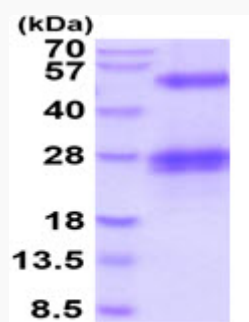
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Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)
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; CLEC2; CLEC-2; C-type lectin-like receptor 2; C-type lectin-like receptor-2; CLEC2B; PRO1384; QDED721
Gene ID	51266
mRNA Refseq	NM_001099431
Protein Refseq	NP_001092901
MIM	606783
UniProt ID	Q9P126
Chromosome Location	12p13.31
Function	protein binding; receptor activity; sugar binding; transmembrane signaling receptor activity;

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15% SDS-PAGE (3ug)

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