Recombinant Human CLEC2B Protein, hIgG-His-tagged

Cat. No. CLEC2B-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CLEC2B protein (26-149aa), fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	26-149 a.a.
Description	CLEC2B, also known as C-type lectin domain family 2 member B, is a type-2 transmembrane member of the C-type lectin-like receptor (CTLR) family. They play diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. This protein may function as a cell activation antigen. It has variant roles such as activating receptor that triggers TNF production, NK cell mediated lysis and interactions between activated and resting NK cells.
Form	Liquid
Molecular Mass	41.7 kDa
N-terminal Sequence Analysis	Ala

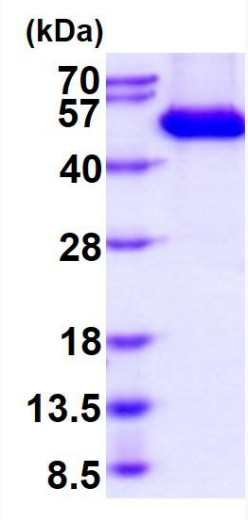
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Endotoxin	< 1.0 EU per 1 μg of protein (determined by LAL method)
Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Warning	For research use only. This product is not intended or approved for human, diagnostics or veterin
AA Sequence	ADPKLTRDSQSLCPYDWIGFQNKCYYFSKEEGDWNSSKYNCSTQHADLTIIDNIEEM NFLRRYKCSSDHWIGLKMAKNRTGQWVDGATFTKSFGMRGSEGCAYLSDDGAAT ARCYTERKWICRKRIHLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRT PEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQ DWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCL VKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVF SCSVMHEALHNHYTQKSLSLSPGKHHHHHH

GENE INFORMATION

Gene Name	CLEC2B C-type lectin domain family 2 member B [Homo sapiens (human)]
Official Symbol	CLEC2B
Synonyms	CLEC2B; C-type lectin domain family 2 member B; AICL; IFNRG1; CLECSF2; HP10085; C-type lectin domain family 2 member B; C-type (calcium dependent,

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	carbohydrate-recognition domain) lectin, superfamily member 2 (activation-induced); C-type lectin superfamily member 2; IFN-alpha-2b-inducing-related protein 1; IFN-alpha2b-inducing related protein 1; activation-induced C-type lectin
Gene ID	9976
mRNA Refseq	NM_005127
Protein Refseq	NP_005118
MIM	603242
UniProt ID	Q92478
SDS-PAGE	 15% SDS-PAGE (3 μg)

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