Recombinant Human CLEC3B, His-tagged

Cat. No. CLEC3B-7950H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CType Lectin Domain Family 3 Member B/CLEC3B produced by transfected human cell is a secreted protein with sequence (Glu22Val202) of Human CLEC3B fused with a polyhistidine tag at the Cterminus.
Species	Human
Source	HEK293
Description	CType Lectin Domain Family 3 Member B (CLEC3B) is a serum and tissue protein and it contais a Ctype lectin which binds to Ca++. CLEC3B is originally found in plasma, the concentrations approximately 10mg/l. It can bind to kringle 4 of plasminogen and enhance the activation of plaminogen to plasmin, catalyzed by tissue plasminogen activator in the presence of polyDlysine. In addition, CLEC3B may be involved in the packaging of molecules destined for exocytosis. Also, CLEC3B is best known as a prognostic marker in ovarian cancer.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
AA Sequence	EPPTQKPKKI VNAKKDVVNT KMFEELKSRL DTLAQEVALL KEQQALQTVC LKGTKVHMKC FLAFTQTKT FHEASEDCIS RGGTLSTPQT GSENDALYEY LRQSVGNEAE IWLGLNDMAA E GTWVDMTG ARIAYKNWET EITAQPDGGK TENCAVLSGA ANGKWFDKRC RDQLPYICQF GI VVDHHHH HH*
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7 days.Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

GENE INFORMATION

Gene Name	CLEC3B C-type lectin domain family 3, member B [Homo sapiens]
Official Symbol	CLEC3B
Synonyms	CLEC3B; C-type lectin domain family 3, member B; tetranectin (plasminogen binding protein) , TNA; tetranectin; TN; plasminogen kringle 4-binding protein; tetranectin (plasminogen binding protein); tetranectin (plasminogen-binding protein); TNA; DKFZp686H17246;
Gene ID	7123
mRNA Refseq	NM_003278
Protein Refseq	NP_003269
MIM	187520
UniProt ID	P05452
Chromosome Location	3p22-p21.3
Function	binding; calcium ion binding; heparin binding; protein domain specific binding; sugar

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