

Recombinant Human SELL, His-tagged

Cat. No. SELL-27884TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to the mature form of human CD62L (aminoacids 39/332 of the precursor) with an N-terminal hexahistidine tag
Species	Human
Source	E.coli
Description	This gene encodes a cell surface adhesion molecule that belongs to a family of adhesion/homing receptors. The encoded protein contains a C-type lectin-like domain, a calcium-binding epidermal growth factor-like domain, and two short complement-like repeats. The gene product is required for binding and subsequent rolling of leucocytes on endothelial cells, facilitating their migration into secondary lymphoid organs and inflammation sites. Single-nucleotide polymorphisms in this gene have been associated with various diseases including immunoglobulin A nephropathy. Alternatively spliced transcript variants have been found for this gene.
Conjugation	HIS
Tissue specificity	Expressed in B cell lines and T lymphocytes.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 50% Glycerol, 20mM Tris, pH 8

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	WT YHYSEKPMNW QRARRFCRDN YTDLVAIQNK AEIEYLEKTL PFSRSYYWIG IRKIGGIWTW VGTNKS LTEE AENWGDGEPN NKKNKEDCVE IYIKRNKDAG KWND DACHKL KAALCYTASC QPWSCSGHGE CVEIINNYTC NCDVGYYGPQ CQFVIQCEPL EAPELGTMD C THPLGNFSFS SQCAFSCSEG TNLTGIEETT CGPFGNWSSP EPTCQVIQCE PLSAPDLGIM NCSHPLASFS FTSACTFICS EGTELIGKKK TICESSGIWS NPSPICQKLD KS
Sequence Similarities	Belongs to the selectin/LECAM family.Contains 1 C-type lectin domain.Contains 1 EGF-like domain.Contains 2 Sushi (CCP/SCR) domains.
GENE INFORMATION	
Gene Name	SELL selectin L [Homo sapiens]
Official Symbol	SELL
Synonyms	SELL; selectin L; LNHR, LYAM1, lymphocyte adhesion molecule 1; L-selectin; CD62L; hLHRc; LAM 1; LAM1; Leu 8; LSEL; Lyam 1; PLNHR;
Gene ID	6402
mRNA Refseq	NM_000655
Protein Refseq	NP_000646
MIM	153240
Uniprot ID	P14151

Chromosome Location	1q23-q25
Pathway	Adaptive Immune System, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	carbohydrate binding; cell adhesion molecule binding; glycosphingolipid binding; heparin binding; protease binding;

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