

Recombinant Human SELL, His-tagged

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

SPECIFICATION

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| 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 KWNDDACHKL KAALCYTASC QPWSCSGHGE CVEIINNYTC NCDVGYGYPQ CQFVIQCEPL EAPELGTMDC 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 |

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| 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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