CD62L Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	CD62L, Recombinant Protein
Full Product Name	Recombinant Human CD62L Protein
Product Gene Name	CD62L recombinant protein
Product Synonym Gene Name	SELL
Product Synonym Names	LNHR; LYAM1; L-selectin; CD62 antigen-like family member L; Leukocyte adhesion molecule 1; LAM-1; Leukocyte surface antigen Leu-8; Leukocyte-endothelial cell adhesion molecule 1; LECAM1; Lymph node homing receptor; TQ1; gp90-MEL; CD62L
Sequence	WTYHYSEKPM NWQRARRFCR DNYTDLVAIQ NKAEIEYLEK TLPFSRSYYW IGIRKIGGIW TWVGTNKSLT EEAENWGDGE PNNKKNKEDC VEIYIKRNKD AGKWNDDACH KLKAALCYTA SCQPWSCSGH GECVEIINNY TCNCDVGYYG PQCQFVIQCE PLEAPELGTM DCTHPLGNFS FSSQCAFSCS EGTNLTGIEE TTCGPFGNWS SPEPTCQVIQ CEPLSAPDLG IMNCSHPLAS FSFTSACTFI CSEGTELIGK KKTICESSGI WSNPSPICQK LDKSFSMIKE GDYNVDHHHH HH
Host	Human Cells
Form/Format	Lyophilized from a 0.2 mum filtered solution of 20mM PB, 150mM NaCl, 2mM CaCl2, 2mM MgCl2, pH 7.4.
Purity/Purification	>95% as determined by reducing SDS-PAGE
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
OMIM	153240
3D Structure	ModBase 3D Structure for P14151
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Applications Tested/Suitable for CD62L recombinant protein	ELISA (EIA), Western Blot (WB), SDS-PAGE
Related Product Information for CD62L recombinant protein	Recombinant Human CD62L Protein is produced by mammalian expression system and the target gene encoding Trp39-Asn332 is expressed with a 6His tag at the C-terminus.
Other Notes	Small volumes of CD62L recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD62L purchase	MBS8304945 is a recombinant protein targeting CD62L. Also known as Recombinant Human CD62L Protein. Host: Human Cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD62L. It may not necessarily be applicable to this product.

NCBI GI #	262206315
NCBI GeneID	6402
NCBI Accession #	NP_000646.2
UniProt Primary Accession #	P14151

UniProt Related Accession #	P14151
GenBank Nucleotide #	NP_000646.2
NCBI Official Full Name	L-selectin
NCBI Official Synonym Full Names	selectin L
NCBI Official Symbol	SELL
NCBI Official Synonym Symbols	TQ1; LAM1; LEU8; LNHR; LSEL; CD62L; LYAM1; PLNHR; LECAM1
UniProt Protein Name	L-selectin
UniProt Synonym Protein Names	CD62 antigen-like family member L; Leukocyte adhesion molecule 1; LAM-1; Leukocyte surface antigen Leu-8; Leukocyte-endothelial cell adhesion molecule 1; LECAM1; Lymph node homing receptor; TQ1; gp90-MEL
Protein Family	L-selectin
UniProt Gene Name	SELL
UniProt Synonym Gene Names	LNHR; LYAM1; LAM-1; LECAM1
UniProt Entry Name	LYAM1_HUMAN
NCBI Protein Information	L-selectin
NCBI Summary for CD62L	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. [provided by RefSeq, Oct 2009]
UniProt Comments for CD62L	SELL: Cell surface adhesion protein. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. Promotes initial tethering and rolling of leukocytes in endothelia. Belongs to the selectin/LECAM family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 1q23-q25 Cellular Component: integral to plasma membrane; plasma membrane; external side of plasma membrane Molecular Function: heparin binding; protein binding; protease binding; cell adhesion molecule binding; carbohydrate binding; glycosphingolipid binding Biological Process: regulation of immune response; cell adhesion; blood coagulation; leukocyte migration; response to ATP Disease: Iga Nephropathy, Susceptibility To, 1
Research Articles on CD62L	**1.** L-selectin (CD62L) has been identified as an HIV-1 adhesion receptor on CD4+ T cells.
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