

Recombinant Human SELE Protein, His-tagged

Cat. No. SELE-128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SELE Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-556 a.a.
Description	Selectins, also designated CD62 antigens, comprise a family of carbohydratebinding proteins involved in mediating cellular interactions with leukocytes. L-Selectin (also designated LECAM-1 or CD62L) is expressed on the majority of B and naive T cells and on most monocytes, neutrophils and eosinophils. L-Selectin interacts with specific carbohydrates expressed by activated endothelial cells. P-Selectin (also designated GMP-140 or CD62P), expressed on activated platelets and endothelial cells, and E-Selectin (also designated ELMA-1 or CD62E), expressed on endothelial cells, exhibit overlapping ligand specificities. E-Selectin is expressed by cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining.
Molecular Mass	~62 kDa
AA Sequence	MWSYNTSTEAMTYDEASAYCQQRythlVAIQNKEEIEYlNSILSYSPSYWIGIRKVN NWWWVGTQKPLTEEAknWAPGEPNNRQKDEDCVEIYIKREKDVGMWNDERCSK KKLALCYTAActNTSCSGHGECVETINNYTCKCDPGFSGLKCEQIVNCTALESPEHG

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SLVCSHPLGNFSYNSSCSISCDRGYLPSSMETMQCMSSGEWSAPIPACNVVECDA
VTNPANGFVECFQNPGSFPWNTTCTFDCEEGFELMGAQSLQCTSSGNWDNEKPT
CKAVTCRAVRQPQNGSVRCSHSPAGEFTFKSSCNFTCEEGLQGPQVECTTQG
QWTQQIPVCEAFQCTALSNPERGYMNCPLPSASGSFRYGSSECEQGFVLKGSK
RLQCGPTGEWDNEKPTCEAVRCDVHQPPLGLVRCVCAHSPIGEFTYKSSCAFSCEE
GFELHGSTQLECTSQGQWTEVPSCQVVKCSSLAVPGKINMSCSGEPVFGTVCKF
ACPEGWTLNGSAARTCGATGHWSGLLPTCEAPTESNIP

Purity

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Notes

For research use only, not for use in diagnostic procedure.

Storage

Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

Storage Buffer

PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name

SELE selectin E [Homo sapiens (human)]

Official Symbol

SELE

Synonyms

SELE; selectin E; ELAM, ELAM1, endothelial adhesion molecule 1; E-selectin; CD62E; ESEL; ELAM-1; endothelial adhesion molecule 1; CD62 antigen-like family member E; endothelial leukocyte adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; leukocyte-endothelial cell adhesion molecule 2; ELAM; ELAM1; LECAM2;

Gene ID

6401

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mRNA Refseq	NM_000450
Protein Refseq	NP_000441
MIM	131210
UniProt ID	P16581

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