

Recombinant Human SELE Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SELE-1819H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SELE MS Standard C13 and N15-labeled recombinant protein (NP_000441) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is found in 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. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis.
Molecular Mass	66.66 kDa
AA Sequence	MIASQFLSALTLVLLIKESGAWSYNTSTEAMTYDEASAYCQQRHYTHLVAIQNKKEIEY LNSILSYSPSYWIGIRKVNNVWVWVGQTQKPLTEEAKNWAPGEPNNRQKDEDCVEI YIKREKDVGMWNDERCSKKKLALCYTAACNTSCSGHGECVETINNYTCKCDPGFS GLKCEQIVNCTALESPEHGSLVCSHPLGNFSYNSSCSISCDRGYLPSSMETMQCMS SGEWSAPIPACNVVECDVAVTNPANGFVECFQNPFSFPWNTTCTFDCEEFGFELMGA

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QSLQCTSSGNWDNEKPTCKAVTCRAVRQPQNGSVRCSHSPAGEFTFKSSCNFTCE
 EGFMLQGPAQVECTTQGQWTQQIPVCEAFQCTALSNPERGYMNCLPSASGSFRY
 GSSCEFSCEQGFVLKGSKRLQCGPTGEWDNEKPTCEAVRCDAVHQPPKGLVRCA
 HSPIGEFTYKSSCAFSCEEGFELHGSTQLECTSQGQWTEEVPSQCQVVKCSSLAVPG
 KINMSCSGEPVFGTVCKFACPEGWTLNGSAARTCGATGHWSGLLPTCEAPTESNIP
 LVAGLSAAGLSLLTLAPFLLWLRKCLRKAKKFVPASSCQSLESDGSYQKPSYILTRTR
 PLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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;

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Gene ID	6401
mRNA Refseq	NM_000450
Protein Refseq	NP_000441
MIM	131210
UniProt ID	P16581
SDS-PAGE	