

Recombinant Human SELE Protein, Fc-tagged

Cat. No. SELE-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SELE protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	610
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
Form	Lyophilized
Molecular Mass	84.8 kDa
AA Sequence	MIASQFLSALTLVLLIKESGAWSYNTSTEAMTYDEASAYCQQRythLVAIQNKKEIEY LNSILSYSPSYWIGIRKVNNVWVVGtQKPLTEEAKNWAPGEPNNRQKDEDCVEI YIKREKDVGMWNDERCSKKKLALCYTAACNTSCSGHGECVETINNYTCKCDPGFS GLKCEQIVNCTALESPEHGSLVCSHPLGNFSYNSSCSISCDRGYLPSSMETMQCMS

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SGEWSAPIPACNVVECDAVTNPANGFVECFQNP GSFPWNTTCTFDCEE GFELMGA
 QSLQCTSSGNWDNEKPTCKAVTCRAVRQPQNGSVRCSHSPAGEFTFKSSCNFTCE
 EGFMLQGPAQVECTTQGQWTQQIPVCEAFQCTALSNPERGYMNCLPSASGSFRY
 GSSCEFSCEQGFVLKGSKRLQCGPTGEWDNEKPTCEAVRCDAVHQPPKGLVRCA
 HSPIGEFTYKSSCAFSCEE GFELHGSTQLECTSQGQWTEEV PSCQVVKCSSLAVPG
 KINMSCSGEPVFGTVCKFACPEGWTLNGSAARTCGATGHWSGLLPTCEAPTESNIP
 LVAGLSAAGLSLLTLAPFLLWLRKCLRKAKKFVPASSCQSLESDGSYQKPSYIL

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term).
 After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18
 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted
 stock further in other aqueous solutions if needed. Please review COA for lot-specific
 instructions. Final measurements should be determined by the end-user for optimal
 performance.

GENE INFORMATION

Gene Name SELE selectin E [Homo sapiens (human)]

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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
mRNA Refseq	NM_000450
Protein Refseq	NP_000441
MIM	131210
UniProt ID	P16581

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