

Recombinant Human SELE, His-tagged

Cat. No. SELE-27883TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein, corresponding to amino acids 179-557 of Human CD62E, with an amino-terminal hexahistidine tag.
Species	Human
Source	E.coli
ProteinLength	179-557 a.a.
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.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Sequence Belongs to the selectin/LECAM family.Contains 1 C-type lectin domain.Contains 1
Similarities EGF-like domain.Contains 6 Sushi (CCP/SCR) domains.

GENE INFORMATION

Gene Name [SELE selectin E \[Homo sapiens \]](#)

Official Symbol [SELE](#)

Synonyms SELE; selectin E; ELAM, ELAM1, endothelial adhesion molecule 1; E-selectin; CD62E; ESEL;

Gene ID [6401](#)

mRNA Refseq [NM_000450](#)

Protein Refseq [NP_000441](#)

MIM [131210](#)

Uniprot ID [P16581](#)

Chromosome Location 1q22-q25

Pathway ATF-2 transcription factor network, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;

Function binding; oligosaccharide binding; phospholipase binding; protein binding; sialic acid

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binding;

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