

Recombinant Human Selectin E

Cat. No. SELE-117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human E-Selectin expressed in <i>E. Coli</i> contains 179-557 amino acids and has a has a molecular mass of 54 kDa.
Species	Human
Source	E.coli
ProteinLength	179-557 a.a.
Description	E-selectin which is also called Endothelial leukocyte adhesion molecule 1, ELAM1, ELAM belongs to a family of divalent cation-dependent carbohydrate-binding glycoproteins or adhesion molecules. Eselectin is expressed on the surface of endothelial cells and mediates the interaction of leukocytes and platelets with endothelial cells during an inflammatory response.
Formulation	Recombinant Human E-Selectin is supplied in 50% Glycerol.
Application	The rhE-Selectin can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments. The biological activity of this product has not yet been tested.
Purity	Greater than 95% (SDS-PAGE). Single band on Western Blot.
Storage Conditions	Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

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GENE INFORMATION

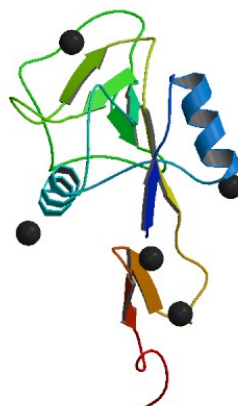
Gene Name	SELE selectin E [Homo sapiens]
Synonyms	SELE; selectin E; ELAM; ESEL; CD62E; ELAM1; LECAM2; ELAM-1; OTTHUMP00000032745; CD62 antigen-like family member E; CD62E antigen; Endothelial leukocyte adhesion molecule 1; Leukocyte-endothelial cell adhesion molecule 2; endothelial adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2
Gene ID	6401
mRNA Refseq	NM_000450
Protein Refseq	NP_000441
UniProt ID	P16581
Chromosome Location	1q22-q25
MIM	131210
Pathway	Cell adhesion molecules (CAMs)
Function	oligosaccharide binding; phospholipase binding; protein binding; protein binding; sialic acid binding; sugar binding; transmembrane receptor activity

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