

## Active Recombinant Rat SELE protein, hFc-tagged

Cat. No. SELE-1977R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat SELE protein(NP_620234.1)(Met1-Pro494), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Pro494
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of U937 cells. When 5 x 10 <sup>4</sup> cells/well are added to SELE-coated plates (2 µg/mL and 100 µL/well), approximately >85% cells will adhere specifically after 60 minutes at 37°C.
<b>Molecular Mass</b>	The recombinant rat SELE/Fc is a disulfide-linked homodimer. The reduced monomer comprises 714 amino acids and has a predicted molecular mass of 78.8 kDa. The apparent molecular mass of the protein is approximately 114-119 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method

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<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Sele selectin E [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	SELE
<b>Synonyms</b>	SELE; selectin E; E-selectin; ELAM-1; LECAM2; selectin, endothelial cell; CD62 antigen-like family member E; endothelial leukocyte adhesion molecule 1; leukocyte-endothelial cell adhesion molecule 2;
<b>Gene ID</b>	25544
<b>mRNA Refseq</b>	NM_138879
<b>Protein Refseq</b>	NP_620234

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