

Active Recombinant Rat SELE protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat SELE protein(NP_620234.1)(Met1-Pro494), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Pro494
Form	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.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of U937 cells. When 5 x 10E4 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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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.

GENE INFORMATION

Gene Name	Sele selectin E [Rattus norvegicus]
Official Symbol	SELE
Synonyms	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;
Gene ID	25544
mRNA Refseq	NM_138879
Protein Refseq	NP_620234

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