

Recombinant Rat Selp, His-tagged

Cat. No. Selp-563R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the rat SELP (AAI01920.1) (Met1-Gln700) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	Human Cells
ProteinLength	Met1-Gln700
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant rat SELP comprises 670 amino acids and predicts a molecular mass of 73.4 kDa. The apparent molecular mass of the recombinant protein is approximately 114 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

 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

GENE INFORMATION

Gene Name	Selp selectin P [<i>Rattus norvegicus</i>]
Official Symbol	Selp
Synonyms	SELP; selectin P; P-selectin; LECAM3; PADGEM; GMP-140; selectin, platelet; granule membrane protein 140; CD62 antigen-like family member P; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; PSELECT; MGC124632;
Gene ID	25651
mRNA Refseq	NM_013114
Protein Refseq	NP_037246
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem;
Function	binding; calcium-dependent protein binding; calcium-dependent protein binding; eukaryotic cell surface binding; fucose binding; glycoprotein binding; glycoprotein binding; heparin binding; lipopolysaccharide binding; oligosaccharide binding; sialic acid b

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