Recombinant Human SELP protein, His & T7-tagged

Cat. No. SELP-2585H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SELP aa. (Arg198~Asn432 (Accession # P16109)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg198~Asn432
Description	This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.3kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%

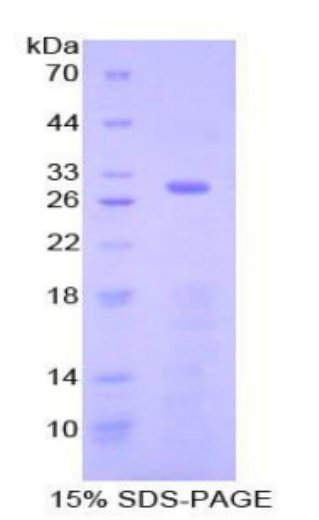
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	SELP selectin P [Homo sapiens (human)]
Official Symbol	SELP
Synonyms	SELP; selectin P; CD62; GRMP; PSEL; CD62P; GMP140; LECAM3; PADGEM; P-selectin; CD62 antigen-like family member P; GMP-140; granule membrane protein 140; granule membrane protein 140kDa; granulocyte membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; platelet alpha-granule membrane protein; selectin P (granule membrane protein 140kDa, antigen CD62)
Gene ID	6403

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

mRNA Refseq	NM_003005.3
Protein Refseq	NP_002996.2
UniProt ID	P16109
SDS-PAGE	

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