

# Recombinant Full Length Human SELP Protein, Fc-tagged

Cat. No. SELP-404H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human SELP protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-830 a.a.
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	106.6 kDa
<b>AA Sequence</b>	MANCQIAILYQRFQRVVFGISQLLCFSALISELTNQKEVAAWTYHYSTKAYSWNISRK YCQNRYTDLVAIQNKNEIDYLNKVLPHYSSYYWIGIRKNNKTWTWVGTKKALTNEAE NWADNEPNKRNNEDCVEIYIKSPSAPGKWNDEHCLKKKHALCYTASCQDMSCSK QGECLETIGNYTCSYCPGYGPECEYVRECGELELPQHVLMMNCSHPLGNFSFNSQ CSFHCTDGYQVNGPSKLECLASGIWTNKPPQCLAAQCPLKIPERGNMTCLHSAKA

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FQHQSSCSFSCEEFGFALVGPEVVQCTASGVWTAPAPVCKAVQCQHLEAPSEGMD  
 CVHPLTAFAYGSSCKFECQPGYRVRGLDMLRCIDSGHWSAPLPTCEAISCEPLESP  
 VHGSMDCSPSLRAFQYDTNCSFRCAEGFMLRGADIVRCDNLGQWTAPAPVCQALQ  
 CQDLPVPNEARVNCSHPFGAFRYQSVCSFTCNEGLLLVGASVLQCLATGNWNSVP  
 PECQAIPCTPLLSPQNGTMTCVQLGSSSYKSTCQFICDEGYSLSGPERLDCTRSG  
 RWTDSPPMCEAIKCELFAPEQGSLLDCSDTRGEFNVGSTCHFSCDNGFKLEGPNN  
 VECTTSGRWSATPPTCKGIASLPTPGLQCPALTPGQGTMYCRHHPGTFGFNTTCY  
 FGCNAGFTLIGDSTLSCRPSGQWTAVTPACRAVKCSELHVNKPIAMNCSNLWGNFS  
 YGSICSFHCLEGQLLNGSAQTACQENHWSTTVPTCQAGPLTIQEALTYFGGAVAS  
 TIGLIMGGTLLALLRKRFRQKDDGKCPLNPHSHLGTYGVTNAAFDPSP

**Purity** > 98%

**Applications** WB; ELISA; FACS; FC

**Stability** This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

**Storage** At -20 centigrade.

**Concentration** 1 mg/mL

**Storage Buffer** PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

**Reconstitution** Reconstitute in sterile distilled H<sub>2</sub>O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

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## GENE INFORMATION

<b>Gene Name</b>	SELP selectin P (granule membrane protein 140kDa, antigen CD62) [ Homo sapiens (human) ]
<b>Official Symbol</b>	SELP
<b>Synonyms</b>	SELP; selectin P (granule membrane protein 140kDa, antigen CD62); GRMP, selectin P (granule membrane protein 140kD, antigen CD62); P-selectin; CD62; CD62P; GMP140; PADGEM; PSEL; GMP-140; granule membrane protein 140; granulocyte membrane protein; CD62 antigen-like family member P; platelet alpha-granule membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; GRMP; LECAM3; FLJ45155;
<b>Gene ID</b>	6403
<b>mRNA Refseq</b>	NM_003005
<b>Protein Refseq</b>	NP_002996
<b>MIM</b>	173610
<b>UniProt ID</b>	P16109

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