

## Active Recombinant Human SELP protein, hFc-tagged

Cat. No. SELP-473H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SELP protein(AAN06828.1)(Met1-Ala771), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala771
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please 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 human histiocytic lymphoma cells. When 5 x 10E4 cells/well are added to SELP/Fc Chimera coated plates (10 µg/mL with 100 µL/well), > 80% cells will adhere after 1 hour at 37°C.
<b>Molecular Mass</b>	The recombinant human SELP/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 971 amino acids and has a predicted molecular mass of 107 kDa. The apparent molecular mass of the reduced monomer is approximately 130-150 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per

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	µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % 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.

## GENE INFORMATION

<b>Gene Name</b>	SELP selectin P (granule membrane protein 140kDa, antigen CD62) [ Homo sapiens ]
<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

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