Active Recombinant Human SELP protein, hFc-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human SELP protein(AAN06828.1)(Met 1-Ala 771) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-771 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	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 for 1 hour incubation at 37°C.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE

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Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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	SELP selectin P (granule membrane protein 140kDa, antigen CD62) [Homo sapiens]
Official Symbol	SELP
Synonyms	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;
Gene ID	6403
mRNA Refseq	NM_003005
Protein Refseq	NP_002996
UniProt ID	P16109

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