

Active Recombinant Mouse SELP protein, hFc-tagged

Cat. No. SELP-905M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SELP protein(NP_035477.1)(Met1-Ala709), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala709
Form	Lyophilized from sterile PBS, pH 7.4. Please 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.
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 mouse SELP/Fc Chimera coated plates (10 µg/mL, 100 µL/well), > 60% cells will adhere after 1 hour at 37°C.
Molecular Mass	The recombinant mouse SELP comprises 909 amino acids and has a predicted molecular mass of 99.6 kDa. The apparent molecular mass of the protein is approximately 134.5 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 85 % as determined by SDS-PAGE
Storage	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.
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, platelet [<i>Mus musculus</i>]
Official Symbol	SELP
Synonyms	SELP; selectin, platelet; P-selectin; granule membrane protein 140; CD62 antigen-like family member P; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; Grmp; CD62P; LECAM3; PADGEM; GMP-140; MGC129336; MGC129337;
Gene ID	20344
mRNA Refseq	NM_011347
Protein Refseq	NP_035477

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