Active Recombinant Mouse SELP protein, His-tagged

Cat. No. SELP-305M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SELP protein(Q01102)(Met1-Ala709), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-709 a.a.
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 cells.When 5 x 10E4 cells/well are added to SELP-coated plates (5 μg/mL and 100 μL/well), approximately >60% cells will adhere specifically after 60 minutes at 37℃.
Molecular Mass	The recombinant mouse SELP comprises 679 amino acids and has a predicted molecular mass of 74 kDa. The apparent molecular mass of the protein is approximately 116 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Ala709
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method

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Purity	> 95 % 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 [Mus musculus]
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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