

Recombinant Mouse Selpg

Cat. No. Selpg-528M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the extracellular domain of mouse SELPLG (Q62170) (Met1-Cys307) was expressed with six amino acids (LEVLFQ) at the C- terminus.
Species	Mouse
Source	Human Cells
ProteinLength	Met1-Cys307
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse SELPLG consists of 297 amino acids and has a calculated molecular mass of 31.2 kDa. The recombinant protein migrates as an approximately 54.9 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Selplg selectin, platelet (p-selectin) ligand [<i>Mus musculus</i>]
Official Symbol	Selplg
Synonyms	SELPLG; selectin, platelet (p-selectin) ligand; P-selectin glycoprotein ligand 1; selectin P ligand; P-selectin glycoprotein ligand-1; CD162; Psgl1; Selp1; Selpl; Psgl-1;
Gene ID	20345
mRNA Refseq	NM_009151
Protein Refseq	NP_033177
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Staphylococcus aureus infection, organism-specific biosystem; Staphylococcus aureus infection, conserved biosystem;
Function	protein binding; sugar binding;

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