

Recombinant Mouse Selectin, Platelet (P-selectin) Ligand

Cat. No. Selplg-1773M Lot. No. (See product label)

SPECIFICATION

Species Mouse

Source Mammalian Cells

Description

Plasma Selectin (P-selectin) is a cell adhesion molecule (CAM) found in granules in endothelial cells (cells lining blood vessels) and activated platelets. P-Selectin is expressed on activated endothelium and platelets where it can bind monocytes, neutrophils, stimulated T cells, and platelets. P-selectin plays an essential role in the initial recruitment of leukocytes (white blood cells) to the site of injury during inflammation.

Molecular Weight

The predicted molecular weight of Recombinant Mouse P-Selectin is Mr 99.1 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 190-200 kDa.

State Of Matter Lyophilized.

Purity >90% by SDS Page and analyzed by silver stain.

Endotoxin <0.1 ng per 1 g as determined by the LAL method.

Storage And Stability

This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

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GENE INFORMATION

Gene Name	Selp1g selectin, platelet (p-selectin) ligand [Mus musculus]
Synonyms	Selp1g; selectin, platelet (p-selectin) ligand; CD162; Psgl1; Selp1; Selp1; Psgl-1
Gene ID	20345
mRNA Refseq	NM_009151
Protein Refseq	NP_033177
UniProt ID	Q62170
Chromosome Location	5 F; 5 64.0 cM
Pathway	Cell adhesion molecules (CAMs)
Function	protein binding; sugar binding

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