

## Product datasheet for **TP727802**

### Selp Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse P-selectin/CD62P (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Trp42 $\hat{A}$ Ala709
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse P-selectin is produced by our Mammalian expression system and the target gene encoding Trp42 $\hat{A}$ Ala709 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	20344
UniProt ID:	<a href="#">Q01102</a>
Summary:	<p>P-selectin/CD62P is a single-pass type I membrane protein which is a member of the Selectin family. It consists 768 amino acid (aa). P-selectin is a cell surface glycoprotein expressed by activated platelets and endothelial cells. It induced expression in lung, liver, kidney and heart after endotoxin treatment. Ca<sup>2+</sup>-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. It mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. It also mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1. P-selectin interacts with SNX17, PSGL1/SEPL, PODXL2, mediates neutrophil adhesion and leukocyte rolling. This interaction requires the sialyl-Lewis X epitope of PSGL1 and PODXL2, and specific tyrosine sulfation on PSGL1.</p>



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