

Recombinant Mouse Selp Protein, C-Avi-6His tagged, Biotinylated

Cat. No. Selp-05M Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Biotinylated Recombinant Mouse P-selectin is produced by our Mammalian expression system and the target gene encoding Trp42-Ala709 is expressed with a Avi, 6His tag at the C-terminus. |
| Species | Mouse |
| Source | Human Cells |
| ProteinLength | Trp42-Ala709 |
| Description | <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. Ca²⁺-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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| Endotoxin | Less than 0.1 ng/μg (1 EU/μg) |
| Storage Buffer | Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. |
| Shipping | Ambient |
| Conjugation | Biotin |

GENE INFORMATION

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|------------------------|--|
| Gene Name | Selp selectin, platelet [Mus musculus (house mouse)] |
| Official Symbol | Selp |
| Synonyms | P-selectin; CD62 antigen-like family member P; Granule membrane protein 140; GMP-140; Leukocyte-endothelial cell adhesion molecule 3; LECAM3; PADGEM |
| Gene ID | 20344 |
| mRNA Refseq | NM_011347 |
| Protein Refseq | NP_035477 |
| UniProt ID | Q01102 |

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