

Product datasheet for **TP726687**

CD62P (SELP) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human P-selectin (C-6His) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Trp42-Ala771 |
| Tag: | C-6His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of PBS,pH7.4. |
| Note: | Recombinant Human P-selectin is produced by our Mammalian expression system and the target gene encoding Trp42-Ala771 is expressed with a 6His tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 6403 |
| UniProt ID: | P16109 |
| 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. 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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