

Recombinant Rat P-selectin/Selp protein (His Tag)

Catalog Number: PDMR100095

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

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| Species | Rat |
| Source | HEK293 Cells-derived Rat P-selectin protein Met1-Gln700, with an C-terminal His |
| Calculated MW | 76.9 kDa |
| Observed MW | 80 kDa |
| Accession | P98106 |
| Bio-activity | Not validated for activity |

Properties

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|-----------------------|--|
| Purity | > 95% as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU/mg of the protein as determined by the LAL method |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis. |

Background

Ca²⁺-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with SELPLG.