

Recombinant Murine Platelet Factor-4/CXCL4

Catalog No: #AP60332



Package Size: #AP60332-1 5ug #AP60332-2 100ug #AP60332-3 500ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Murine Platelet Factor-4/CXCL4
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Uniprot	Q9Z126
GeneID	56744
Calculated MW	Approximately 8.2 kDa, a single non-glycosylated polypeptide chain containing 76 amino acids.
Target Sequence	VTSAGPEESD GDLSCVCVKT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNGRKICLD RQAPLYKKVI KKILES
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, 1.5 M NaCl, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Background

CXCL4 (PF4) is a small cytokine belonging to the CXC chemokine family and it is also known as chemokine (C-X-C motif) ligand 4 (CXCL4). This chemokine is released from alpha-granules of activated platelets during platelet aggregation and neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. CXCL4 interacts with a splice variant of the chemokine receptor CXCR3. Recombinant mouse CXCL4 contains 76 amino acids which is a single non-glycosylated polypeptide chain. Specifically, Human and mouse CXCL4 share about a 60 % identity.

Note: This product is for in vitro research use only