

Human PF 4 Recombinant Protein



RPPB1235

Product Information Protein Information

Product SKU:

RPPB1235

Accession:

P02776

Host:

Escherichia Coli.

Protein description:

CXCL4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 70 amino acids and having a molecular mass of 7.8 kDa.

Appearance:

Sterile Filtered white lyophilized powder.

Synonyms:

CXCL4, PF-4, PF4, Iroplact, Oncostatin-A, SCYB4, MGC138298.

Formulation:

The CXCL4 protein was lyophilized after extensive dialysis against 50mM Tris-HCl pH 8.0 and 150mM NaCl buffer.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CXCL4 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized CXCL4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL4 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

The sequence of the first four N-terminal amino acids was determined and was found to be Glu-Ala-Glu-Glu-Asp.

Biological Activity:

The ED₅₀ of CXCL4 as determined by its ability to inhibit human FGF basic dependent proliferation of NR6R3T3 mouse fibroblasts was found to be 5-15 µg/ml.