

Active Recombinant Human PF4 protein

Cat. No. PF4-87H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PF4 protein(NP_002610.1) (Glu 32-Ser 101) was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	32-101 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in Acetonitrile and TFA.
Bio-activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human fibroblasts is in a concentration of 1.0-10 ng/ml.
Molecular Mass	Apximately 7.8 kDa, a single non-glycosylated polypeptide chain containing 70 amino acids.
AASequence	EAEEDGDLQC LCVKTTTSQVR PRHITSLEVI KAGPHCPTAQ LIATLKNRGRK ICLDLQAPLY KKIIKKLLES
Endotoxin	Less than 1 EU/µg of rHuPF-4/CXCL4 as determined by LAL method.
Purity	> 97 % by SDS-PAGE and HPLC analyses.

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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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_002610.1
Unit ID	P02776
Unit ID-Weblink	http://www.uniprot.org/uniprot/P02776

GENE INFORMATION

Gene Name	PF4 platelet factor 4 [Homo sapiens]
Official Symbol	PF4
Synonyms	PF4; platelet factor 4; chemokine (C X C motif) ligand 4; CXCL4; SCYB4; iroplact; oncostatin-A; C-X-C motif chemokine 4; chemokine (C-X-C motif) ligand 4; PF-4; MGC138298;
Gene ID	5196
mRNA Refseq	NM_002619
protein Refseq	NP_002610

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