

Product datasheet for **TP320116M**

PF4V1 (NM_002620) Human Recombinant Protein

Product data:

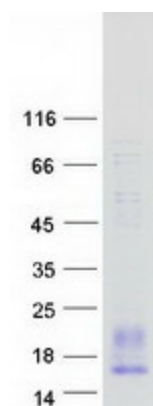
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human platelet factor 4 variant 1 (PF4V1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220116 protein sequence Red =Cloning site Green =Tags(s)
	MSSAARSRLTRATRQEMFLALLLLPVVAFARAEAEEDGDLQCLCVKTTTSQVRPRHITSLEVIKAGPHC PTAQLIATLKNRKCICLDLQALLYKKIIEHLES
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002611
Locus ID:	5197
UniProt ID:	P10720
RefSeq Size:	741
Cytogenetics:	4q13.3



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RefSeq ORF:	312
Synonyms:	CXCL4L1; CXCL4V1; PF4-ALT; PF4A; SCYB4V1
Summary:	The protein encoded by this gene is a chemokine that is highly similar to platelet factor 4. The encoded protein displays a strong antiangiogenic function and is regulated by chemokine (C-X-C motif) receptor 3. This protein also impairs tumor growth and can protect against blood-retinal barrier breakdown in diabetes patients. [provided by RefSeq, Nov 2015]
Protein Families:	Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified PF4V1 protein (Cat# [TP320116]). The protein was produced from HEK293T cells transfected with PF4V1 cDNA clone (Cat# [RC220116]) using MegaTran 2.0 (Cat# [TT210002]).