

Product datasheet for **TP316048M**

IL32 (NM_001012633) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 32 (IL32), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216048 representing NM_001012633 Red =Cloning site Green =Tags(s) MCFPKVLSDDMKKLRMHQAIERFYDKMQNAESGRGQVMSSLALEDDFKEGYLETVAAYYEEQHPELT PLFEKERDGLRCRGNRSPVPDVEDPATEEPGESFCDKSYGAPRGDKKEELTPQKCSEPQSSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14.7 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_001012651
Locus ID:	9235
UniProt ID:	P24001
RefSeq Size:	919
Cytogenetics:	16p13.3



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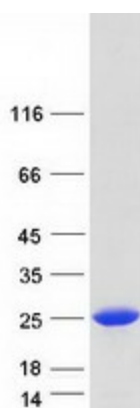
RefSeq ORF: 393

Synonyms: IL-32alpha; IL-32beta; IL-32delta; IL-32gamma; NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd

Summary: This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified IL32 protein (Cat# [TP316048]). The protein was produced from HEK293T cells transfected with IL32 cDNA clone (Cat# [RC216048]) using MegaTran 2.0 (Cat# [TT210002]).