

Product datasheet for **TP316502**

IL24 (NM_006850) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 24 (IL24), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC216502 Blue=ORF Red=Cloning site Green=Tag(s) MNFQQRLQSLWTLARPFPCPLLATASQMVMVLPCLGFTLLLWSQVSGAQQQEFHFGPCQVKGWVPQKL WEAFWAVKDTMQAQDNITSARLLQQEVLQNVSDAESCYLVTLLLEFYLKTVFKNYHNRTVEVRTLKSF TLANNFVLIVSQLQPSQENEMFSIRDSAHRRFLLFRAFKQLDVEAALTKALGEVDILLTWMQKFYKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV Recombinant protein using RC216502 also available, TP316502M
Tag:	C-Myc/DDK
Predicted MW:	18.4 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_006841
Locus ID:	11009
UniProt ID:	Q13007



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RefSeq Size: 1976

Cytogenetics: 1q32.1

RefSeq ORF: 618

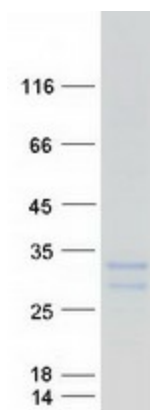
Synonyms: C49A; FISP; IL10B; MDA7; MOB5; ST16

Summary: This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

Product images:



Coomassie blue staining of purified IL24 protein (Cat# TP316502). The protein was produced from HEK293T cells transfected with IL24 cDNA clone (Cat# [RC216502]) using MegaTran 2.0 (Cat# [TT210002]).