

Product datasheet for **TP304638M**

IL37 (NM_014439) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 1 family, member 7 (zeta) (IL1F7), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204638 protein sequence Red =Cloning site Green =Tags(s)
	 MSFVGENSGVKMGSEDEWEKDEPQCLEDPAVSPLEPGPSLPAMNFVHTSPKVKNLNPKKFSIHDQDHKVL VLDSGNLIAVPDKNYIRPEIFFALASSLSASAEKGSPIILLGVSKGEFCLYCDKDKGQSHPSLQLKKEKL MKLAAQKESARRPFIFYRAQVGSWNMLESAHPGWFICTSCNCNEPVGVTDKFENRKHIEFSFQPVCKAE MSPSEVSD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23.9 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:	<u>NP_055254</u>
Locus ID:	27178



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UniProt ID: [Q9NZH6](#)

RefSeq Size: 787

Cytogenetics: 2q14.1

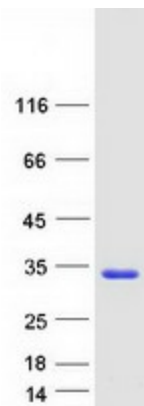
RefSeq ORF: 654

Synonyms: FIL1; FIL1(ZETA); FIL1Z; IL-1F7; IL-1H; IL-1H4; IL-1RP1; IL-23; IL-37; IL1F7; IL1H4; IL1RP1

Summary: The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified IL37 protein (Cat# [TP304638]). The protein was produced from HEK293T cells transfected with IL37 cDNA clone (Cat# [RC204638]) using MegaTran 2.0 (Cat# [TT210002]).