

## Product datasheet for **TP312571M**

### IL19 (NM\_013371) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 19 (IL19), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212571 representing NM_013371 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MKLQCVSLWLLGTILILCSVDNHGLRRLISTDMHHIEESFQEIKRAIQAKDTFPNVITLSTLETLQIIK PLDVCCVTKNLLAFYVDRVFKDHQEPNPKILRKISSIANSFLYMQKTLRQCQEQRQCHCRQEATNATRVI HDNYDQLEVHAAAIAKSLGELDVFLAWINKNHEVMFSA  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	17.8 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:	<a href="#">NP_037503</a>
Locus ID:	29949
UniProt ID:	<a href="#">Q9UHD0</a> , <a href="#">Q5VUT3</a>
RefSeq Size:	1831



[View online »](#)

Cytogenetics: 1q32.1

RefSeq ORF: 531

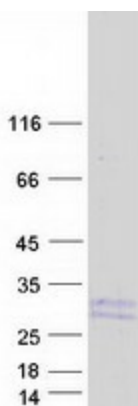
Synonyms: IL-10C; MDA1; NG.1; ZMDA1

**Summary:** The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described. [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 IL19 protein (Cat# [TP312571]). The protein was produced from HEK293T cells transfected with IL19 cDNA clone (Cat# [RC212571]) using MegaTran 2.0 (Cat# [TT210002]).