

## Product datasheet for TP526935

### II18 (NM\_008360) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 18 (II18), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226935 representing NM_008360 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAAMSEDCVNFKEMMFIDNTLYFIPEENGDLSDNFGRLHCTTAVIRNINDQVLFVDRQPVFEDMTDI DQSASEPQTRLIIYMYKDSEVRGLAVTLVKDSKMSLSCCKNIIISFEEMDPENIDDIQSDLIFFQKRV PGHNKMEFESSLYEGHFLACQKEDDAFKLILKKKDENGDKSVMFTLTNLHQS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	22.6 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
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 after receiving vials.
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><a href="#">NP_032386</a></u>
Locus ID:	16173
UniProt ID:	<u><a href="#">P70380</a></u> , <u><a href="#">Q2PMY2</a></u>
RefSeq Size:	866
Cytogenetics:	9 27.75 cM



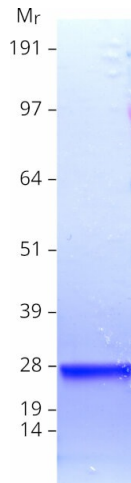
[View online »](#)

RefSeq ORF: 576

Synonyms: Igif; Il-18

**Summary:** A proinflammatory cytokine primarily involved in polarized T-helper 1 (Th1) cell and natural killer (NK) cell immune responses. Upon binding to IL18R1 and IL18RAP, forms a signaling ternary complex which activates NF-kappa-B, triggering synthesis of inflammatory mediators. Synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells and natural killer (NK) cells.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified IL18 protein (Cat# TP526935). The protein was produced from HEK293T cells transfected with IL18 cDNA clone (Cat# [MR226935]) using MegaTran 2.0 (Cat# [TT210002])