

Product datasheet for **TP312461L**

IRF5 (NM_002200) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human interferon regulatory factor 5 (IRF5), transcript variant 1, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC212461 representing NM_002200 Red =Cloning site Green =Tags(s) |

MNQSIPVAPTPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFCIPWRHATRHGPSQDGDNTIFKAWAKE
TGKYTEGVDEADPAKWKANLRCALNKSRLFRLIYDGPDMPPQPYKIYEVCSNGPAPTDSQPPEDYSFGA
GEEEEEEELQRMLPSLSLTDVQSGPHMTPYSLLKEDVKWPPTLQPPTLQPPVWLGPPAPDPSPLAPP
GNPAGFRELLSEVLEPGPLPASLPPAGEQLLPDLLISPHMLPLTDLEIKFYRGRPPRALTISNPHGCRL
FYSQLEATQEVELFGPISLEQVRFSPEDIPSDKQRFYTNQLLDVLDRLGLLQLQGQDLYAIRLCQCKV
FWSGPCASAHDSNPNPIQREVTKLFSLEHFLNELILFQKGQTNTPPPFEIFFCFGEWPDPRKPREKKLI
TVQVVPVAARLLLEMFSGELSWADSIRLQISNPDLKDRMVEQFKELHHIHWQSQRLQPVAQAPPAGGLG
VGQGPWPMHPAGMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 56.5 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 |
| Bioactivity: | Cell treatment (PMID: 26519527) |
| 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. |



[View online »](#)

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_002191](#)

Locus ID: 3663

UniProt ID: [Q13568](#)

RefSeq Size: 2870

Cytogenetics: 7q32.1

RefSeq ORF: 1512

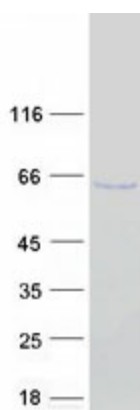
Synonyms: interferon regulatory factor 5; SLEB10

Summary: This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Alternative promoter use and alternative splicing result in multiple transcript variants, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment. [provided by RefSeq, Dec 2016]

Protein Families: Transcription Factors

Protein Pathways: Toll-like receptor signaling pathway

Product images:



Coomassie blue staining of purified IRF5 protein (Cat# [TP312461]). The protein was produced from HEK293T cells transfected with IRF5 cDNA clone (Cat# [RC212461]) using MegaTran 2.0 (Cat# [TT210002]).