

Product datasheet for **TP312461M**

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, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC212461 representing NM_002200
Red=Cloning site **Green**=Tags(s)

MNQSIPVAPTPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFCIPWRHATRHHGPSQDGDNTIFKAWAKE
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](https://pubmed.ncbi.nlm.nih.gov/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.



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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

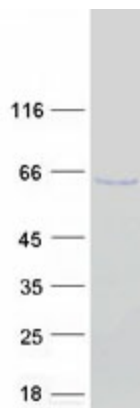
Synonyms: interferon regulatory factor 5; SLEB10

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]).