

## Product datasheet for TP316039M

### IRF5 (NM\_001098631) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens interferon regulatory factor 5 (IRF5), transcript variant 7, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216039 representing NM_001098631 Red=Cloning site Green=Tags(s)

MNQSIPVAPTPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFCIPWRHATRHGPSQDGDNTIFKAWAKE  
TGKYTEGVDEADPAKWKANLRCALNKSDFRLIYDGPDMPPQPYKIYEVCSNGPAPTDSQPPEDYSFGA  
GEEEEEEELQRMLPSLSLTEDVKWPPTLQPPTLQPPVVLGPPAPDPSPLAPPPGNPAGFRELLSEVLEP  
GPLPASLPAGEQLLPDLLISPHMLPLTDLEIKFYRGRPPRALTISNPHGCRFLYSQLEATQEQVELFG  
PISLEQVRFSPEDIPSDKQRFYTNQLLDVLDRLILQLQGQDLYAIRLCQCKVFWSGPCASAHDSQPNP  
IQREVKTCLFSLEHFLNELILFQKGQTNTPPPEIFFCFGEWPDPRKPREKKLITVQVVPVAARLLLEMF  
SGELSWADSIRLQISNPDLDKDRMVEQFKELHHIWQSQQLQPVAQAPPAGLGVGGQPWPMHPAGMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	54.8 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.



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RefSeq: [NP\\_001092101](#)

Locus ID: 3663

UniProt ID: [Q13568](#)

RefSeq Size: 2741

Cytogenetics: 7q32.1

RefSeq ORF: 1464

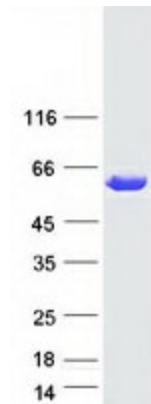
Synonyms: interferon regulatory factor 5; SLEB10

**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# [TP316039]). The protein was produced from HEK293T cells transfected with IRF5 cDNA clone (Cat# [RC216039]) using MegaTran 2.0 (Cat# [TT210002]).