

## Product datasheet for TP312461

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

MNQSIPVAPTPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFCIPWRHATRHGPSQDGDNTIFKAWA  
KE  
TGKYTEGVDEADPAKWKANLRCALNKSDFRLIYDGPDMPPQPYKIYEVCSNGPAPTDSQPPEDYSFGA  
GEEEEEEELQRMLPSLSLTDVAVQSGPHMTPYSLLKEDVKWPPTLQPPTLQPPVVLGPPAPDPSPLAPP  
GNPAGFRELLSEVLEPGPLPASLPPAGEQLLPDLLISPHMLPLTDLEIKFYRGRPPRALTISNPHGCRL  
FYSQLEATQEQVELFGPISLEQVRFPSPEDIPSDKQRFYTNQLLDVLDRLILQLQGQDLYAIRLCQCKV  
FWSGPCASAHDSNPNPIQREVTKLFSLEHFLNELILFQKGQTNTPPPFEIFFCFGEWPDPRKPREKKLI  
TVQVVPVAARLLLEMFSGELSWADSIRLQISNPDLKDRMVEQFKELHHIWQSQQLQPVAQAPPGAGL  
G  
VGQGPWPMHPAGMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

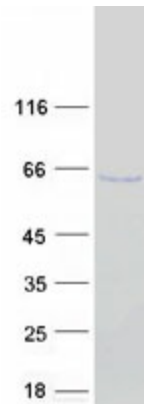
Tag:	C-Myc/DDK
Predicted MW:	56.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Cell treatment (PMID: <a href="#">26519527</a> )
Preparation:	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.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002191</a>
<b>Locus ID:</b>	3663
<b>UniProt ID:</b>	<a href="#">Q13568</a>
<b>RefSeq Size:</b>	2870
<b>Cytogenetics:</b>	7q32.1
<b>RefSeq ORF:</b>	1512
<b>Synonyms:</b>	interferon regulatory factor 5; SLEB10
<b>Summary:</b>	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]
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	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]).