

Product datasheet for **TP316505**

IRF5 (NM_001098628) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human interferon regulatory factor 5 (IRF5), transcript variant 4, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC216505 representing NM_001098628
Red=Cloning site **Green**=Tags(s)

MNQSIPVAPTPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFCIPWRHATRHHGPSQDGDNTIFKAWAKE
TGKYTEGVDEADPAKWKANLRCALNKSRLFRLIYDGPDRMPQPYPYKIYEVCSNGPAPTDSQPPEDYSFGA
GEEEEEEELQRMLPSLSLTEDVKWPPTLQPTLQPPVVLGPPAPDPSPLAPPPGNPAGFRELLSEVLEP
GPLPASLPAGEQLLPDLLISPHMLPLTDLEIKFYRGRPPRALTISNPHGCRLFYSQLEATQEQVELFG
PISLEQVRFSPEDIPSDKQRFYTNQLLDVLDRLGLLQLQGQDLYAIRLCQCKVFWSGPCASAHDS CPNP
IQREVKTCLFSLEHFLNELILFQKGQTNTPPPFEIFFCFGEWPD RKPREKKLITVQVVPVAARLLLEMF
SGELSWADSIRLQISNPDLKDRMVEQFKELHHIWQSQRLQPV AQAPP GAGLGVGQGPWPMHPAGMQ

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.
RefSeq: [NP_001092098](#)



[View online »](#)

Locus ID: 3663

UniProt ID: [Q13568](#)

RefSeq Size: 2822

Cytogenetics: 7q32.1

RefSeq ORF: 1464

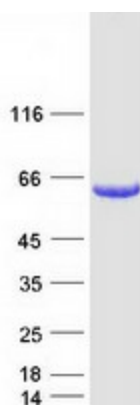
Synonyms: interferon regulatory factor 5; SLEB10

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# TP316505). The protein was produced from HEK293T cells transfected with IRF5 cDNA clone (Cat# [RC216505]) using MegaTran 2.0 (Cat# [TT210002]).