

Product datasheet for **TP307768L**

Interferon regulatory factor 9 (IRF9) (NM_006084) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon regulatory factor 9 (IRF9), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207768 protein sequence Red =Cloning site Green =Tags(s)
	MASGRARCTRKLNRNWWVEQVESGQFPGVCWDDTAKTMFRIPWKHAGKQDFREDQDAAFFKAWAIFKGYK EGDTGGPAVWKTRLRCALNKSSEFKEVPERGRMDVAEPYKVVYQLLPPGIVSGQPGTQKVPKQHSVSS ERKEEDAMQNCTLSPSVLQDSLNNNEEGASGGAVHSDIGSSSSSSSPEPQEVTDTEAPFQGDQRSLEF LLPPEPDYSLLLTFIYNGRVVGEAQVQSLDCRLVAEPSGSESSMEQVLFKPGPLEPTQRLLSQLERLIL VASNPRGLFVQRLCPIPIISWNAPQAPPGPGPHLLPSNECVLFRAYFCRDLVRYFQGLGPPPQFVTLN FWEESHGSSHTPQNLITVKMEQAFARYLLEQTPEQQAAILSLV
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	43.5 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
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:	<u>NP_006075</u>
Locus ID:	10379



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UniProt ID: [Q00978](#)

RefSeq Size: 1699

Cytogenetics: 14q12

RefSeq ORF: 1179

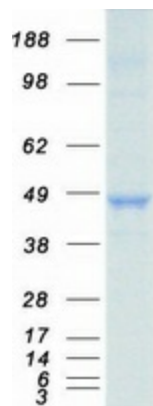
Synonyms: IRF-9; ISGF3; ISGF3G; p48

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. Mutations in this gene result in Immunodeficiency 65. [provided by RefSeq, Jul 2020]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Jak-STAT signaling pathway

Product images:



Coomassie blue staining of purified IRF9 protein (Cat# [TP307768]). The protein was produced from HEK293T cells transfected with IRF9 cDNA clone (Cat# [RC207768]) using MegaTran 2.0 (Cat# [TT210002]).