

Recombinant Full Length Human IRF9 Protein, C-Flag-tagged

Cat. No. IRF9-1758HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IRF9 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	43.5 kDa
AA Sequence	MASGRARCTRKLNRNVVEQVESGQFPGVCWDDTAKTMFRIPWKHAGKQDFREDQ DAAFFKAWAIFKGKYK EGD TG G PAVWKTRLRCALNKSSEFKEVPERGRMDVAEPY KVYQLLP PGIVSGQPGTQKVPSKRQHSSVSS ERKEEEDAMQNCTLSPSVLQDSL N NEEEGASGGAVHSDIGSSSSSSSSPEPQEVTDTEAPFQGDQRSLEF LLPPEPDYSL LLTFIYNGRVVGEAQVQSLDCRLVAEP SGSESSMEQVLF PKPGPLEPTQRLLS QLER GIL VASNPRGLFVQRLCPIPISWNAPQAPP GP GPHLLPSNECVELFRTAYFCRDLVR YFQGLGPPPKFQVTLN

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	FWEEESHGSSHTPQNLITVKMEQAFARYLLEQTPEQQAAILSLVTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Protein Pathways	Jak-STAT signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	IRF9 interferon regulatory factor 9 [Homo sapiens (human)]
Official Symbol	IRF9
Synonyms	p48; IRF-9; ISGF3; ISGF3G
Gene ID	10379

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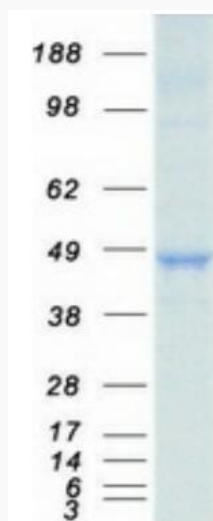
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mRNA Refseq [NM_006084.5](#)

Protein Refseq [NP_006075.3](#)

MIM [147574](#)

UniProt ID [Q00978](#)



Coomassie blue staining of purified IRF9 protein.

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