

Product datasheet for **TP317934M**

IRF7 (NM_001572) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon regulatory factor 7 (IRF7), transcript variant a, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217934 representing NM_001572 Red =Cloning site Green =Tags(s)

MALAPERAAPRVLFGEWLLGEISSGCYEGLQWLDEARTCFRVPWKHFARKDLSEADARIFKAWAVARGRW
PPSSRGGGPPPEAETAERAGWKTNFRCALRSTRRFVMLRDNSGDPADPHKVYALSRELCWREGPGTDQTE
AEAPAAVPPPQGGPPGFPLAHTHAGLQAPGPLPAPAGDKGDLQLQAVQQSCLADHLLTASWGADPVPTKA
PGEGQEGLPLTGACAGGPGLPAGELYGWAVETTPSPGPQPAALTTGEEAAPESPHQAEPYLSPPSACTA
VQEPSGALDVTIMYKGRTVLQKVVGHPSCTFLYGGPPDAVRATDPQQVAFPSAELPDQKQLRYTEELL
RHVAPGLHLELRGPQLWARRMGKCKVYWEVGGPPGSASPSTPAELLPRNCDTPIFDFRFFFQELVEFRAR
QRRGSPRYTIYLGFGQDLSAGRPKESLVLVKLEPWLCRVHLEGTQREGVSSLDSSLSLCLSSANSLYD
DIECFLELEQPASGP

SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

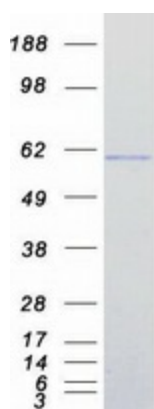
Tag:	C-Myc/DDK
Predicted MW:	54.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_001563
Locus ID:	3665
UniProt ID:	Q92985
RefSeq Size:	1890
Cytogenetics:	11p15.5
RefSeq ORF:	1518
Synonyms:	IMD39; IRF-7; IRF-7H; IRF7A; IRF7B; IRF7C; IRF7H
Summary:	IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established. [provided by RefSeq, Jul 2008]
Protein Families:	Transcription Factors
Protein Pathways:	Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:



Coomassie blue staining of purified IRF7 protein (Cat# [TP317934]). The protein was produced from HEK293T cells transfected with IRF7 cDNA clone (Cat# [RC217934]) using MegaTran 2.0 (Cat# [TT210002]).