

Recombinant Human IRF7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IRF7-825H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IRF7 MS Standard C13 and N15-labeled recombinant protein (NP_001563) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	54.1 kDa
AA Sequence	MALAPERAAAPRVLFGEWLLGEISSGCYEGQLQWLDEARTCFRVPWKHFARKDLSEA DARIFKAWAVARGRWPPSSRGGGPPPEAETAERAGWKTNFRCLRSTRRFVMLR DNSGDPADPHKVYALSRELCWREGPGTDQTEAEAPAAVPPPQGGPPGPFLAHTHA GLQAPGPLPAPAGDKDLLLLQAVQQSCLADHLLTASWGADPVPTKAPGEGQEGLP LTGACAGGPGLPAGELYGWAVETTPSPGPQPAALTTGAAAPESPHQAEPYLSPSP SACTAVQEPSPGALDVTIMYKGRVTLQKVVGHPSCTFLYGPPDPAVRATDPQQVAF PSPAELPDQKQLRYTEELLRHVAPGLHLELRGPQLWARRMGKCKVYWEVGGPPGS

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ASPSTPACLLPRNCDTPIFDFRVFFQELVEFRARQRRGSPRYTIYLGFGQDLSAGRP
KEKSLVLVKLEPWLCRVHLEGTQREGVSSLDSSSLCLSSANS LYDDIECFLMELE
QPASGPSGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name IRF7 interferon regulatory factor 7 [Homo sapiens (human)]

Official Symbol IRF7

Synonyms IRF7; interferon regulatory factor 7; IRF-7; interferon regulatory factor-7H; IRF7A; IRF-7H;

Gene ID 3665

mRNA Refseq NM_001572

Protein Refseq NP_001563

MIM 605047

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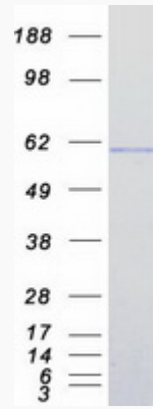
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UniProt ID

Q92985

SDS-PAGE



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