

Recombinant Human IRF3 Protein, His-tagged

Cat. No. IRF3-072H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminally Histidine-tagged full length human IRF3 protein (1-427) was purified from E. coli.
Species	Human
Source	E.coli
ProteinLength	1-427
Description	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. The protein plays an important role in the innate immune response against DNA and RNA viruses. Mutations in this gene are associated with Encephalopathy, acute, infection-induced, herpes-specific, 7.
Molecular Mass	49.6 kDa
Purity	≥85% estimated by SDS-PAGE
Stability	≥ 1 year
Storage	At -80 centigrade.

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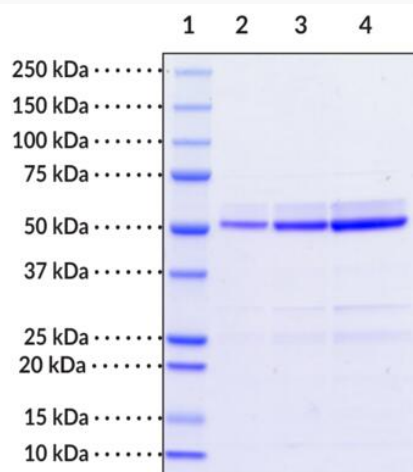
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 50 mM HEPES, pH 8.0, 150 mM sodium chloride, and 10% glycerol

GENE INFORMATION

Gene Name	IRF3 interferon regulatory factor 3 [Homo sapiens (human)]
Official Symbol	IRF3
Synonyms	IRF3; interferon regulatory factor 3; IIAE7; interferon regulatory factor 3
Gene ID	3661
mRNA Refseq	NM_001571
Protein Refseq	NP_001562
MIM	603734
UniProt ID	Q14653

SDS-PAGE analysis of IRF3



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Lane 1: MW Markers

Lane 2: IRF3 (1 µg)

Lane 3: IRF3 (2 µg)

Lane 4: IRF3 (4 µg)

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