

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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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

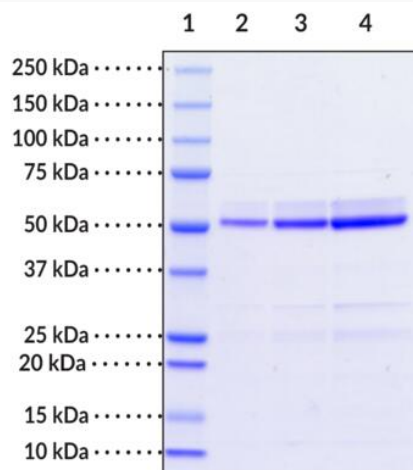
mRNA Refseq NM_001571

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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