Recombinant Full Length Human IRF1 Protein, GST-tagged

Cat. No. IRF1-5735HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IRF1 full-length ORF (NP_002189.1, 1 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	325 amino acids
Description	IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppressoion. [provided by RefSeq
Molecular Mass	61.38 kDa
AA Sequence	MPITRMRMRPWLEMQINSNQIPGLIWINKEEMIFQIPWKHAAKHGWDINKDACLFRS WAIHTGRYKAGEKEPDPKTWKANFRCAMNSLPDIEEVKDQSRNKGSSAVRVYRML PPLTKNQRKERKSKSSRDAKSKAKRKSCGDSSPDTFSDGLSSSTLPDDHSSYTVPG YMQDLEVEQALTPALSPCAVSSTLPDWHIPVEVVPDSTSDLYNFQVSPMPSTSEATT DEDEEGKLPEDIMKLLEQSEWQPTNVDGKGYLLNEPGVQPTSVYGDFSCKEEPEID SPGGDIGLSLQRVFTDLKNMDATWLDSLLTPVRLPSIQAIPCAP

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	IRF1 interferon regulatory factor 1 [Homo sapiens]
Official Symbol	IRF1
Synonyms	IRF1; interferon regulatory factor 1; MAR; IRF-1;
Gene ID	3659
mRNA Refseq	NM_002198
Protein Refseq	NP_002189
MIM	147575
UniProt ID	P10914

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