

# Recombinant Full Length Human IRF4 Protein, GST-tagged

Cat. No. IRF4-5739HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human IRF4 full-length ORF ( AAH15752.1, 1 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	451 amino acids
<b>Description</b>	The protein encoded by this gene belongs to the IRF (interferon regulatory factor) family of transcription factors, characterized by a unique tryptophan pentad repeat DNA-binding domain. The IRFs are important in the regulation of interferons in response to infection by virus, and in the regulation of interferon-inducible genes. This family member is lymphocyte specific and negatively regulates Toll-like-receptor (TLR) signaling that is central to the activation of innate and adaptive immune systems. A chromosomal translocation involving this gene and the IgH locus, t(6;14)(p25;q32), may be a cause of multiple myeloma. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2010]
<b>Molecular Mass</b>	75.35 kDa
<b>AA Sequence</b>	MNLEGGGRGGEGFGMSAVSCGNGKLRQWLIDQIDSGKYPGLVWENEKESIFRIPWK HAGKQDYNREEDAALFKAWALFKGKFKREGIDKDPPTWKTRLRCALNKSNDFEELV ERSQLDISDPYKVYRIVPEGAKKGAKQLTLEDPQMSMSHPYTMTPYPSLPAQQVH NYMPPPLDRSWRDYVPDQPHPEIPYQCPMTFGPRGHHWQGPACENGCCQVTGTF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

YACAPPESQAPGVPTPEPSIRSAEALAFSDCRLHICLYYREILVKELTTSSPEGCRISH  
 GHTYDASNLDQVLLPYPEDNGQRKNIEKLLSHLERGVVPWMAPDGLYAKRLCQSRI  
 YWDGPLALCNDPRPNKLERDQTCKLFDQFLSELQAFHHGRSLPRFQVTLFCGEE  
 FPDQRQRKLITAHVEPLLARQLYYFAQQNSGHFLRGYDLPEHISNPEDYHRSIRHS  
 SIQE

**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** [IRF4 interferon regulatory factor 4 \[ Homo sapiens \]](#)

**Official Symbol** [IRF4](#)

**Synonyms** IRF4; interferon regulatory factor 4; MUM1; LSIRF; multiple myeloma oncogene 1; lymphocyte-specific interferon regulatory factor; NF-EM5;

**Gene ID** [3662](#)

**mRNA Refseq** [NM\\_001195286](#)

**Protein Refseq** [NP\\_001182215](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



<b>MIM</b>	601900
------------	--------

<b>UniProt ID</b>	Q15306
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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