

# Product datasheet for AR09054PU-L

## IRF3 (1-112) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	IRF3 (1-112) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGTPKPRILP WLVSQLDLGQ LEGVAWVNKS RTRFRIPWKH GLRQDAQQED FGIFQAWAEA TGAYVPGRDK PDLPTWKRNF RSALNRKEGL RLAEDRSKDP HDPHKIYEFV NS
Concentration:	lot specific
Purity:	≥95 by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: PBS, pH 7.4
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IRF3 was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001184051</u>
Locus ID:	3661
UniProt ID:	<u>Q14653</u>
Cytogenetics:	19q13.33
Synonyms:	IIAE7
Summary:	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. [provided by RefSeq, Sep 2020]

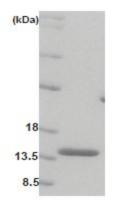


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	IRF3 (1-112) Human Protein – AR09054PU-L
Protein Families	Druggable Genome, Transcription Factors

Protein Pathways:Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor<br/>signaling pathway

### **Product images:**



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