

Product datasheet for **AR09054PU-L**

IRF3 (1-112) Human Protein

Product data:

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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 WLVSQDLGQ LEGVAWNKS 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: | NP_001184051 |
| Locus ID: | 3661 |
| UniProt ID: | Q14653 |
| 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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Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:

