IRF3 (Human) Recombinant Protein

Catalog # P8173 Size 20 ug

Specification

Product Description	Human IRF3 (Q14653, 1 a.a. - 112 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	MGTPKPRILPWLVSQLDLGQLEGVAWVNKSRTRFRIPWKHGLRQDAQQEDFGIFQAWAEATGAY VPGRDKPDLPTWKRNFRSALNRKEGLRLAEDRSKDPHDPHKIYEFVNS
Host	Escherichia coli
Theoretical MW (kDa)	13
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IRF3

Entrez GeneID	3661
Protein Accession#	Q14653

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Gene Name	IRF3
Gene Alias	-
Gene Description	interferon regulatory factor 3
Omim ID	603734
Gene Ontology	Hyperlink
Gene Summary	IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 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. [provided by RefSeq
Other Designations	-

Pathway

- Toll-like receptor signaling pathway

Disease

- Asthma
- Bronchiolitis
- Cardiovascular Diseases
- Diabetes Mellitus
- Disease Progression
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Hepatitis C
- Infant
- Liver Cirrhosis
- Lung Neoplasms

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- Lupus Erythematosus
- Neutropenia
- Papillomavirus Infections
- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Thrombocytopenia
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Werner syndrome

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