IRF5 (Human) Recombinant Protein

Catalog # P8174 Size 2 x 10 ug

Specification

Product Description	Human IRF5 (Q13568, 176 a.a. - 240 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSPPTLQPPTLQPPVVLGPPAPDPSPL APPPGNPAGFRELLSEVLEPGPLPASLPPAGEQLLPDLLI
Host	Escherichia coli
Theoretical MW (kDa)	10.7
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 85% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl buffer pH 8.0 (0.15M NaCl, 1mM DTT, 30% glycerol)
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 — IRF5

Entrez GeneID	3663

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Protein Accession#	Q13568
Gene Name	IRF5
Gene Alias	SLEB10
Gene Description	interferon regulatory factor 5
Omim ID	607218
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcripti on factors with diverse roles, including virus-mediated activation of interferon, and modulation of c ell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are c haracterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Alternative splice variants encoding different isoforms exist. [provided by RefSeq
Other Designations	-

Pathway

- Toll-like receptor signaling pathway

Disease

- Antiphospholipid Syndrome
- Arthritis
- Asthma
- Atherosclerosis
- Autoimmune Diseases
- Behcet Syndrome
- Bronchiolitis
- Cardiovascular Diseases
- Carotid Stenosis
- Cerebral Hemorrhage
- Diabetes Mellitus

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- Disease Progression
- Edema
- Endometriosis
- Fibrosis
- Genetic Predisposition to Disease
- Giant Cell Arteritis
- Glomerulonephritis
- Hemophilia A
- Hypertension
- Infant
- Inflammation
- Inflammatory Bowel Diseases
- Intracranial Hemorrhages
- Liver Cirrhosis
- Lupus Erythematosus
- Lupus Nephritis
- Multiple Sclerosis
- Myocardial Infarction
- Psoriasis
- Pulmonary Fibrosis
- Respiratory Syncytial Virus Infections
- Scleroderma
- Stroke
- Subarachnoid Hemorrhage
- Wegener Granulomatosis

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