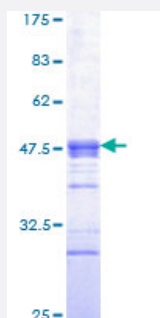


IRF1 (Human) Recombinant Protein (Q01)

Catalog # H00003659-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IRF1 partial ORF (NP_002189, 216 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PMPSTSEATTDEDEEGKLPEDIMKLLSEQSEWQPTNVDGKGYLLNEPGVQPTSVYGDFSCKEEP EIDSPGGDIGLSLQRVFTDLKNMDATWLDSLTPVRLPSIQAIPCAP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IRF1

Entrez GeneID [3659](#)

GeneBank Accession# [NM_002198](#)

Protein Accession# [NP_002189](#)

Gene Name IRF1

Gene Alias IRF-1, MAR

Gene Description interferon regulatory factor 1

Omim ID [137215](#) [147575](#) [153550](#)

Gene Ontology [Hyperlink](#)

Gene Summary IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression. [provided by RefSeq]

Other Designations interferon regulatory factor-1

Disease

- [Acute Disease](#)
- [Arthritis](#)
- [Asthma](#)

- [Behcet Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Crohn Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Lung Neoplasms](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Subacute Sclerosing Panencephalitis](#)

- [Thrombosis](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)