

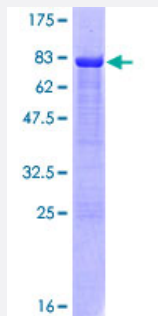
Full-Length

IRF3 (Human) Recombinant Protein (P02)

Catalog # H00003661-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IRF3 full-length ORF (NP_001562.1, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGTPKPRILPWLVSQDLGQLEGVAWVNKSRTFRIPWKHGLRQDAQQEDFGIFQAWAEATGAY
VPGRDKPDLPTWKRNFERSALNRKEGLRLAEDRSKDPHDPHKIYEFVNSGVGDFSQPDTSPTDN
GGGSTSDTQEDILDELLGNMVLAPLPDGPSSLAVAPEPCPQPLRSPSLDNPTFPNLGPSENP
LKRLLVPGEEWEFEVTAFYRGRQVFQQTISCPEGLRLVGSEVGDRTLPGWPVTLDPGMSLTDR
GVMSYVRHVLSCLGGLALWRAGQWLWAQRLGHCHTYWAVSEELLPNSGHGPDPGEVPKDKE
GGVFDLGPFDLITFTEGSGRSPRYALWFCVGESWPQDQPWTKRLVMKVVPVPTCLRALVEMAR
VGGASSENTVDLHISNSHPLSLTSDQYKAYLQDLVEGMDFQGPGES

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.6

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 — IRF3

Entrez GeneID [3661](#)

GeneBank Accession# [NM_001571.2](#)

Protein Accession# [NP_001562.1](#)

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](#)
- [Lupus Erythematosus](#)
- [Neutropenia](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Thrombocytopenia](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)