

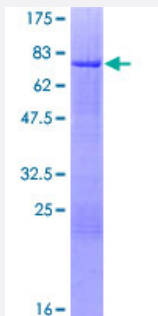
Full-Length

IRF8 (Human) Recombinant Protein (P01)

Catalog # H00003394-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IRF8 full-length ORF (NP_002154.1, 1 a.a. - 426 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MCDRNGGRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASIFKAWAVFK
GKFKEGDKAEPATWKTRLRCALNKSPDFEEVTDRSQLDISEPYKYRIVPEEEQKCKLGVATAG
CVNEVTEMECGRSEIDELIKEPSVDDYMGMIKRSPSPPEACRSQLLPDWWAQQPSTGVPLVTGY
TTYDAHHSAFSQMVISFYGGKLVGQATTTCPEGCRSLSQPLPGTKLYGPEGLELVRFPADAI
PSEQRQVTRKLFGLHLERGVLLHSSRQGVFVKRLCQGRVFCSGNAVVCCKGRPNKLERDEVVQV
FDTSQFFRELQQFYNSQGRLPDGRVVLFCGEEFPDMAPLRSKLILVQIEQLYVRQLAEEAGKSCG
AGSVMQAPEEPPPDQVFRMFPDICASHQRSFFRENQQITV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.8

Interspecies Antigen Sequence

Mouse (90); Rat (88)

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 — IRF8

Entrez GeneID	3394
GeneBank Accession#	NM_002163.2
Protein Accession#	NP_002154.1
Gene Name	IRF8
Gene Alias	H-ICSBP, ICSBP, ICSBP1, IRF-8
Gene Description	interferon regulatory factor 8
Omim ID	601565
Gene Ontology	Hyperlink
Gene Summary	Interferon consensus sequence-binding protein (ICSBP) is a transcription factor of the interferon (IFN) regulatory factor (IRF) family. Proteins of this family are composed of a conserved DNA-binding domain in the N-terminal region and a divergent C-terminal region that serves as the regulatory domain. The IRF family proteins bind to the IFN-stimulated response element (ISRE) and regulate expression of genes stimulated by type I IFNs, namely IFN-alpha and IFN-beta. IRF family proteins also control expression of IFN-alpha and IFN-beta-regulated genes that are induced by viral infection. [provided by RefSeq]
Other Designations	interferon consensus sequence binding protein 1

Disease

- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Multiple Sclerosis](#)
- [Viremia](#)