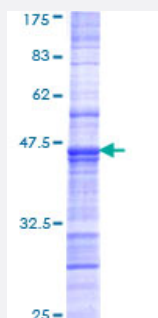


IRF8 (Human) Recombinant Protein (Q01)

Catalog # H00003394-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IRF8 partial ORF (NP_002154, 122 a.a. - 218 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LGVATAGCVNEVTEMECGRSEIDELIKEPSVDDYMGMIKRSPSPPEACRSQLLPDWWAQQPST GVPLVTGYTTYDAHHSQFVVISFYGGKLVGQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Interspecies Antigen Sequence	Mouse (86); Rat (85)
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](#)

Protein Accession# [NP_002154](#)

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](#)