

Recombinant Full Length Human IRF8 Protein, GST-tagged

Cat. No. IRF8-5742HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IRF8 full-length ORF (NP_002154.1, 1 a.a. - 426 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	426 amino acids
Description	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]
Molecular Mass	74.8 kDa
AA Sequence	MCDRNGGRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASIFKAWAVFKGKFKEGDKAEPATWKTRLRCALNKSPDFEEVTDRSQLDISEPYKVYRIVPEEEQKCKLG VATAGCVNEVTEMECGRSEIDELIKEPSVDDYMGMIKRSPSPPEACRSQLLPDWWAQQPSTGVPLVTGYTTYDAHHSQFMVISFYGGKLVGQATTTCP EGCRLSLSQPLPGTKLYGPEGLELVRFPADAI PSERQRQVTRKLFHGLERGVLLH

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SSRQGVFVKRLCQGRVFCSGNAVCKGRPNKLERDEVVQVFDTSQFFRELQQFYN
 SQGRLPDGRVVLCFGEEFPDMAPLRSKLILVQIEQLYVRQLAEEAGKSCGAGSVMQ
 APEEPPPDQVFRMFDPDICASHQRSFFRENQQITV

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

IRF8 interferon regulatory factor 8 [Homo sapiens]

Official Symbol

IRF8

Synonyms

IRF8; interferon regulatory factor 8; ICSBP1, interferon consensus sequence binding protein 1; ICSBP; IRF 8; interferon consensus sequence binding protein 1; IRF-8; ICSBP1; H-ICSBP;

Gene ID

3394

mRNA Refseq

NM_002163

Protein Refseq

NP_002154

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MIM	601565
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UniProt ID	Q02556
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