

Recombinant Human IRF8 Protein, GST-tagged

Cat. No. IRF8-5033H **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	Wheat Germ
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	MCDRNGGRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASI FKAWAVFKGKFKEGDKAEPATWKTRLRCALNKSPDFEEVTDRSQLDISEPYKVYRIV PEEEQKCKLG VATAGCVNEVTEMECGRSEIDELIKEPSVDDYMGMIKRSPSPPEAC RSQLLPDWWAQQPSTGVPLVTGYTTYDAHHSQFMVISFYGGKLVGQATTTC EGCRLSLSQPGLPGTKLYGPEGLELVRFPADAIQSERQRQVTRKLFHGLERGVLLH SSRQGVFVKRLCQGRVFCSGNAVCKGRPNKLERDEVVQVFDTSQFFRELQQFYNN

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	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
MIM	601565

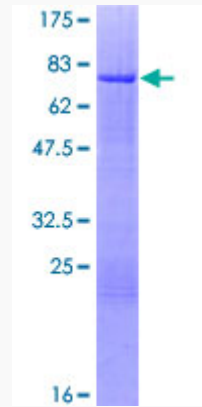
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UniProt ID

Q02556

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue

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