Recombinant Full Length Human IRF8 Protein, C-Flag-tagged

Cat. No. IRF8-1536HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IRF8 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	48.2 kDa
AA Sequence	MCDRNGGRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASI FKAWAVFKGKFKEG DKAEPATWKTRLRCALNKSPDFEEVTDRSQLDISEPYKVYRI VPEEEQKCKLGVATAGCVNEVTEMECGR SEIDELIKEPSVDDYMGMIKRSPSPPEA CRSQLLPDWWAQQPSTGVPLVTGYTTYDAHHSAFSQMVISFY YGGKLVGQATTTC PEGCRLSLSQPGLPGTKLYGPEGLELVRFPPADAIPSERQRQVTRKLFGHLERGVLL

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	HSSRQGVFVKRLCQGRVFCSGNAVVCKGRPNKLERDEVVQVFDTSQFFRELQQFY NSQGRLPDGRVVLCF GEEFPDMAPLRSKLILVQIEQLYVRQLAEEAGKSCGAGSVM QAPEEPPPDQVFRMFPDICASHQRSFFRE NQQITVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	IRF8 interferon regulatory factor 8 [Homo sapiens (human)]
Official Symbol	IRF8
Synonyms	ICSBP; IRF-8; ICSBP1; IMD32A; IMD32B; H-ICSBP
Gene ID	3394

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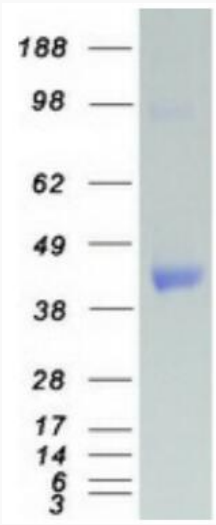
mRNA Refseq	NM_002163.4
Protein Refseq	NP_002154.1
MIM	601565
UniProt ID	Q02556



Coomassie blue staining of purified IRF8 protein.

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