

Product datasheet for **TP317646**

IRF8 (NM_002163) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human interferon regulatory factor 8 (IRF8), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC217646 protein sequence
Red=Cloning site **Green**=Tags(s)

MCDRNGGRRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASIFKAWAVFKGKFKEG
DKAEPATWKTRLRCALNKSPDFEEVTDRLSDISEPYKVYRIVPEEEQKCKLGVATAGCVNEVTEMECGR
SEIDELIKEPSVDDYMGMIKRSPSPPEACRSQLLPDWWAQQPSTGVPLVTGYTTYDAHHSAFSQMVISFY
YGGKLVGQATTTCEPGCRLSLSQPGLPGTKLYGPEGLELVRFPADAIPSERQRQVTRKLFHGLERGVLL
HSSRQGVFVKRLCQGRVFCSGNAVWCKGRPNKLERDEVVQVFDTSQFFRELQQFYNSQGRLPDGRVVLCF
GEEFPDMAPLRSKLILVQIEQLYVRQLAEEAGKSCGAGSVMQAPEEPPPDQVFRMFPDICASHQRSFFRE
NQQITV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 48.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002154](#)



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Locus ID: 3394

UniProt ID: [Q02556](#)

RefSeq Size: 2678

Cytogenetics: 16q24.1

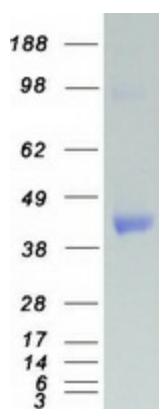
RefSeq ORF: 1278

Synonyms: H-ICSBP; ICSBP; ICSBP1; IMD32A; IMD32B; IRF-8

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, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified IRF8 protein (Cat# TP317646). The protein was produced from HEK293T cells transfected with IRF8 cDNA clone (Cat# [RC217646]) using MegaTran 2.0 (Cat# [TT210002]).