

## Product datasheet for **TP317646M**

### IRF8 (NM\_002163) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human interferon regulatory factor 8 (IRF8), 100 µg

**Species:** Human

**Expression Host:** HEK293T

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

MCDRNGGRRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASIFKAWAVFKGKFKEG  
DKAEPATWKTRLRCALNKSPDFEEVTDRLSDISEPYKVYRIVPEEEQKCKLGVATAGCVNEVTEMECGR  
SEIDELIKEPSVDDYMGMIKRSPSPPEACRSQLLPDWWAQQPSTGVPLVTGYTTYDAHHSQFMSQFVSY  
YGGKLVGQATTTCEPGCRLSLSQPGLPGTKLYGPEGLELVRFPADAIIPSERQRQVTRKLFHGLERGVLL  
HSSRQGVFVKRLCQGRVFCSGNAVWCKGRPNKLERDEVVQVFDTSQFFRELQQFYNSQGRLPDGRVLLCF  
GEEFPDMAPLRSKLILVQIEQLYVRQLAEEAGKSCGAGSVMQAPPEPPDQVFRMFPDICASHQRSFFRE  
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](#)



[View online »](#)

Locus ID: 3394

UniProt ID: [Q02556](#)

RefSeq Size: 2678

Cytogenetics: 16q24.1

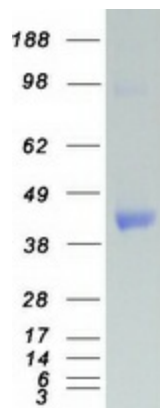
RefSeq ORF: 1278

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]).