

Product datasheet for PH317646

IRF8 (NM_002163) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IRF8 MS Standard C13 and N15-labeled recombinant protein (NP_002154)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217646
Predicted MW:	48.4 kDa
Protein Sequence:	>RC217646 protein sequence Red=Cloning site Green=Tags(s) MCDRNGRRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASIFKAWAVFKGKFKEG DKAEPATWKTRLRCALNKSPDFEEVTDRLSDISEPYKVYRIVPEEEQKCKLGVATAGCVNEVTEMECGR SEIDELIKEPSVDDYMGMIKRSPSPPEACRSQLLPDWWAQPSTGVPLVTGYTTYDAHHSFASQMVISFY YGGKLVGQATTTCPGCRLLSLSQPGLPGTKLYGPEGLELVRFPADAIPSERQRQVTRKLFHGLRGLVLL HSSRQGVFVKRLCQGRVFCSGNAVVCGRPNKLERDEVVQVFDTSQFFRELQQFYNSQGRLPDGRVVLFCF GEEFPDMAPLRSKLILVQIEQLYVRQLAEEAGKSCGAGSVMQAPEEPPDQVFRMFPDICASHQRSFFRE NQQITV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002154</u>
RefSeq Size:	2678
RefSeq ORF:	1278
Synonyms:	H-ICSBP; ICSBP; ICSBP1; IMD32A; IMD32B; IRF-8



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Locus ID: 3394

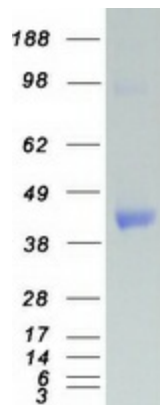
UniProt ID: [Q02556](#)

Cytogenetics: 16q24.1

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]).