

## Product datasheet for PH302102

### IRF2 (NM\_002199) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	IRF2 MS Standard C13 and N15-labeled recombinant protein (NP_002190)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202102
Predicted MW:	39.4 kDa
Protein Sequence:	>RC202102 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPVERMRMPWLEEQINSNTIPGLKWLNKEKKIFQIPWMHAARHGWDVEKDAPLFRNWAHTGKHQPGVD KPDPKTWKANFRCAMNSLPDIEEVKDKSIKKGNNAFRVYRMLPLSERPSKKGKKPKTEKEDKVKHQKQEP VESSLGLSNGVSDLSPYAVLTSTIKNEVDSTVNIIVVGQSHLDSNIENQEIVTNPPDICQVVEVTTESD EQPVSMSELYPLQISPVSSYAESETTDSVPSDEESAEGRPHWRKRNIIEGKQYLSNMGTRGSYLLPGMASF VTSNPKDLQVTIKEESNPVYPYNSWPPFQDLPLSSMTPASSSSRPDRETRASVIKKTSDITQARVKSC  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_002190</a></u>
RefSeq Size:	2302
RefSeq ORF:	1047
Synonyms:	IRF-2
Locus ID:	3660



[View online »](#)

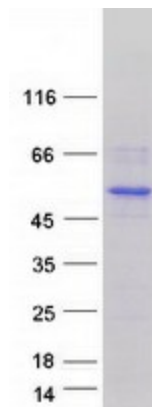
UniProt ID: [P14316](#)

Cytogenetics: 4q35.1

**Summary:** IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified IRF2 protein (Cat# [TP302102]). The protein was produced from HEK293T cells transfected with IRF2 cDNA clone (Cat# [RC202102]) using MegaTran 2.0 (Cat# [TT210002]).