

## Product datasheet for **TP302102M**

### IRF2 (NM\_002199) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon regulatory factor 2 (IRF2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202102 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MPVERMRMRPWLEEQINSNTIPGLKWLNKEKKIFQIPWMHAARHGWDVEKDAPLFRNWAIHTGKHQPGVD KDPDKTWKANFRCAMNSLPDIEEVKDKSIKKGNNAFRVYRMLPLSERPSKKGKKPKTEKEDVKVHIKQEP VESSLGSLNGVSDLSPEYAVLTSTIKNEVDSTVNIIVVGQSHLDSNIENQEIVTNPDPICQWVEVTESD EQPVMSELYPLQISPVSSYAESETTDSVPSDEESAEGRPHWRKRNIIEGKQYLSNMGTRGSYLLPGMASF VTSNKPDLQVTIKEESNPVPYNSSWPPFQDLPLSSMTPASSSRPDRETRASVIKKTSDITQARVKSC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	39.2 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:	<u><a href="#">NP_002190</a></u>
Locus ID:	3660



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UniProt ID: [P14316](#)

RefSeq Size: 2302

Cytogenetics: 4q35.1

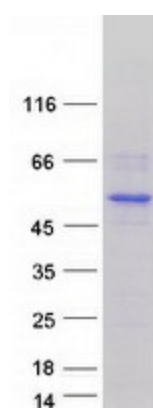
RefSeq ORF: 1047

Synonyms: IRF-2

**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]).