

## Product datasheet for **TP505275**

### Irf2 (NM\_008391) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interferon regulatory factor 2 (Irf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR205275 representing NM_008391
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MPVERMRMRPWLEEQINSNTIPGLKWLNKEKKIFQIPWMHAARHGWDVEKDAPLFRNWAIHTGKHQPGID  
KDPDKTWKANFRFCAMNSLPDIEEVKDRSIKKGNNAFRVYRMLPLSERPSKKGKPKTEKEERVKHIKQEP  
VESSLGLSNGVSGFSPEYAVL TSAIKNEVDSTVNIIVVGQSHLDSNIEDQEIVTNPDDICQVVEVTESD  
DQPVSMSELYPLQISPVSSYAESSETDSVASDEENAEGRPHWRKRSIEGKQYLSNMGTRNTYLLPSMATF  
VTSNKPDLQVTIKEDSCMPYNSSWPPFTDLPLPAPVTPTPSSSRPDRETRASVIKKTSDITQARVKSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.9 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
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 after receiving vials.
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:	<a href="#">NP_032417</a>
Locus ID:	16363
UniProt ID:	<a href="#">P23906</a> , <a href="#">Q3U2Z2</a>



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RefSeq Size: 2484

Cytogenetics: 8 B1.1

RefSeq ORF: 1047

Synonyms: 9830146E22Rik; A1646973; Irf-2

**Summary:** Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and represses those genes. Also acts as an activator for several genes including H4 and IL7. Constitutively binds to the ISRE promoter to activate IL7. Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth. Antagonizes IRF1 transcriptional activation. [UniProtKB/Swiss-Prot Function]