

## Recombinant Mouse Irf2 Protein, Myc/DDK-tagged

Cat. No. Irf2-3573M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length interferon regulatory factor 2 (Irf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	39.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Irf2 interferon regulatory factor 2 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Irf2](#)

**Synonyms** IRF2; interferon regulatory factor 2; Irf-2; AI646973; 9830146E22Rik; MGC117893

**Gene ID** [16363](#)

**mRNA Refseq** [NM\\_008391](#)

**Protein Refseq** [NP\\_032417](#)

**UniProt ID** [P23906](#)

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