

Recombinant Mouse Irf2 Protein, Myc/DDK-tagged

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

SPECIFICATION

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