

Recombinant Mouse Brf2 Protein, Myc/DDK-tagged

Cat. No. Brf2-1893M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length BRF2, RNA polymerase III transcription initiation factor 50kDa subunit (Brf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	General activator of RNA polymerase III transcription. Factor exclusively required for RNA polymerase III transcription of genes with promoter elements upstream of the initiation sites. Contributes to the regulation of gene expression; functions as activator in the absence of oxidative stress. Down-regulates expression of target genes in response to oxidative stress. Overexpression protects cells against apoptosis in response to oxidative stress.
Molecular Mass	47.4 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	Brf2 BRF2, RNA polymerase III transcription initiation factor 50kDa subunit [Mus musculus (house mouse)]
Official Symbol	Brf2
Synonyms	BRF2; BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like; transcription factor IIIB 50 kDa subunit; BRF-2; B-related factor 2; BRFU; AU018504; AU022602; TFIIIB50; 2700059M06Rik; 5730512K07Rik
Gene ID	66653
mRNA Refseq	NM_025686
Protein Refseq	NP_079962
UniProt ID	Q3UAW9

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