

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

Cat. No. Nfyb-4402M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length nuclear transcription factor-Y beta (Nfyb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Component of the sequence-specific heterotrimeric transcription factor (NF-Y) which specifically recognizes a 5'-CCAAT-3' box motif found in the promoters of its target genes. NF-Y can function as both an activator and a repressor, depending on its interacting cofactors.
<b>Molecular Mass</b>	23.2 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
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Nfyb nuclear transcription factor-Y beta [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Nfyb
<b>Synonyms</b>	NFYB; nuclear transcription factor-Y beta; nuclear transcription factor Y subunit beta; NF-YB; CAAT box DNA-binding protein subunit B; CAAT-box DNA-binding protein subunit B; nuclear transcription factor Y subunit B; Cbf-A; AA985999
<b>Gene ID</b>	18045
<b>mRNA Refseq</b>	NM_010914
<b>Protein Refseq</b>	NP_035044
<b>UniProt ID</b>	P63139

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