

Recombinant Human NFIB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NFIB-2273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NFIB MS Standard C13 and N15-labeled recombinant protein (NP_005587) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.
Molecular Mass	47.4 kDa
AA Sequence	MMYSPICLTQDEFHPFIEALLPHVRAIAYTWFNLQARKRKYFKKHEKRMSKDEERAV KDELLSEKPEIKQKWASRLAKLRKDIRQEYREDFVLTVTGKKHPCCVLSNPDQKGK IRRIDCLRQADKQVWRLDLVMVILFKGIPLESTDGERLMKSPHCTNPALCVQPHHITVS VKELDLFLAYYVQEQDSGQSGSPSHNDPAKNPPGYLEDSEFVKSGVFNVSELVRVSR TPITQGTGVNFPIGEIPSQPYHDMNSGVNLQRLSSPPSSKRPKTISIDENMEPSPT GDFYSPSSPAAGSRTWHERDQDMSSPTTMKKPEKPLFSSASPQDSSPRLSTFPQ HHHPGIPGVAHSVISTRTPPPPSLPFPPTQAILPPAPSSYFSHPTIRYPPHLNPQDTLK NYVPSYDPSSPQTSQSWYLGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NFIB nuclear factor I/B [Homo sapiens (human)]
Official Symbol	NFIB
Synonyms	NFIB; nuclear factor I/B; nuclear factor 1 B-type; NFI RED; NFIB2; NFIB3; nuclear factor 1/B; TGGCA-binding protein; CCAAT-box-binding transcription factor; CTF; NF1-B; NFI-B; NF-I/B; NFI-RED; HMGIC/NFIB;
Gene ID	4781
mRNA Refseq	NM_005596
Protein Refseq	NP_005587
MIM	600728
UniProt ID	O00712

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SDS-PAGE

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