

Product datasheet for PH301590

NFIB (NM_005596) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NFIB MS Standard C13 and N15-labeled recombinant protein (NP_005587)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201590
Predicted MW:	47.4 kDa
Protein Sequence:	>RC201590 protein sequence Red=Cloning site Green=Tags(s) MMYSPICLTQDEFHPFIEALLPHVRAIAYTWFLQARKRKYFKKHEKRMSKDEERAVKDELLSEKPEIKQ KWASRLLAKLRKDIRQEYREDFVLTVTGKKHPCCVLSNPDQKGGKIRRIDCLRQADKVRDLVMVILFKG IPLESTDGERLMKSPHCTNPALCVQPHHITVSVKELDLFLAYYVQEQDSGQSGSPSHNDPAKNPPGYLED SFVKSGVFNSELVRVSRPITQGTGVNFPIGEIPSQPYHDMNSGVNLQRSLSSPPSSKRPKTISIDEN MEPSPTGDFYPSPPSPAAGSRTWHERDQDMSSPTTMKKPEKPLFSSASPQDSSPRLSTFPQHHPGIPGV AHSVISTRTPPPSPLPFPTQAILPPAPSSYFSHPTIRYPPHLNPQDTLKNYVPSYDPSSPQTSQSWYLG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005587
RefSeq Size:	8285
RefSeq ORF:	1260
Synonyms:	CTF; HMGIC/NFIB; MACID; NF-I/B; NF1-B; NFI-B; NFI-RED; NFIB2; NFIB3
Locus ID:	4781



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UniProt ID: [O00712](#), [Q5VW28](#)

Cytogenetics: 9p23-p22.3

Summary: 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified NFIB protein (Cat# [TP301590]). The protein was produced from HEK293T cells transfected with NFIB cDNA clone (Cat# [RC201590]) using MegaTran 2.0 (Cat# [TT210002]).