

Datasheet for ABIN7556835
NFIB Protein (AA 1-570) (His tag)



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Overview

Quantity:	1 mg
Target:	NFIB
Protein Characteristics:	AA 1-570
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFIB protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nfib Protein expressed in mammalien cells.
Sequence:	MMYSPICLTQ DEFHPFIEAL LPHVRAIAYT WFNLQARKRK YFKKHEKRMS KDEERAVKDE LLSEKPEIKQ KWASRLAKL RKDIRQEYRE DFVLTVTGKK HPCCVLSNPD QKGKIRRIDC LRQADKVRWL DLVMVILFKG IPLESTDGER LMKSPHCTNP ALCVQPHHIT VSVKELDLFL AYYVQEQDSG QSGSPSHSDP AKNPPGYLED SFVKSGVFNV SELVRVSRTP ITQGTGVNFP IGEIPSQPY YHDMNSGVNLQ RSLSSPPSSK RPKTISIDEN MEPSPTGDFY PSPNSPAAGS RTWHERDQDM SSPTTMKKPE KPLFSSTSPQ DSSPRLSTFP QHHHPGIPGV AHSVISTRTP PPPSPLPFPT QAILPPAPSS YFSHTIRYP PHLNPQDTLK NYVPSYDPSS PQTSQPNSSG QVVGKVPGHF TPVLAPSPHP SAVRPVLTLM TDTKPITTST EGEAASPTAT TYTASGTSQA NRYVGLSPRD PSFLHQQQLR ICDWTMNQNG RHLYPSTSED TLGITWQSPG TWASLVPFQV SNRTPILPAN VQNYGLNIIG EPFLQAETSN Sequence without tag. The proposed Purification- Tag is based on experiences with the expression system, a different complexity of the

protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: NFIB

Alternative Name: Nfib ([NFIB Products](#))

Background: Nuclear factor 1 B-type (NF1-B) (Nuclear factor 1/B) (CCAAT-box-binding transcription factor) (CTF) (Nuclear factor I/B) (NF-I/B) (NFI-B) (TGGCA-binding protein),FUNCTION: Transcriptional activator of GFAP, essential for proper brain development (PubMed:15632069, PubMed:30388402). 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 (PubMed:30388402). {ECO:0000269|PubMed:15632069, ECO:0000269|PubMed:30388402}.

Molecular Weight: 63.5 kDa

UniProt: [P97863](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
