

Datasheet for ABIN7564856

**Zinc Finger Protein 110 (ZFP110) (AA 1-828) protein (His tag)**[Go to Product page](#)

## Overview

Quantity: 1 mg

Target: Zinc Finger Protein 110 (ZFP110)

Protein Characteristics: AA 1-828

Origin: Mouse

Source: HEK-293 Cells

Protein Type: Recombinant

Purification tag / Conjugate: His tag

## Product Details

Purpose: Custom-made recombinant Nrif1 Protein expressed in mammalian cells.

Sequence: MASTLPTTWP HESVKFEDVS LTFTEEEWAQ LDFQQKCLYR EIMMENYSNM ISVEHHFSKP  
NVISQLEKAE DCWPMQREIP QDTLPECSWP SPDPGMNSFP SKSPLMKIEV VEVLTNLKDV  
AGPRNALIQS LYPEDLNPGN LKPAQQPSKR LTDTEASRQK FRHFQYEESA GPQKAMSQLR  
KLCHQWLQPN TRSKKQILEL LVLEQFLNAL PEKFRVWVES QHPEDCKAVV ALLENMTSVS  
KDDASLACSS EATDQLKEKR KGVATLPVTF AAEVPAEEPV TFQDVAVDFN EEEWRLLGPT  
QKTEYHDVML ETLGNLVS VG WEPTLGNREL TPDSPIPVVK PIHPDNTNDL SRNGTQSTVF  
ESILEDGVKE MHSIESNQVG NLQEKGHPQK KFSESSKSQD QTSRHKSQGS LNEVLPRKYV  
KVKQKGTGKR KGRTNTISMT RGLRIRKQK DSVIEWQGRSG STPVTHGSSI KKQQQGSEQG  
KPGTSRDPIT LTVPAKVYQK ATGSEESIFM DSSDAMVPDV PPKIHQKGPE WHKVGESNNS  
MLQGSSVQNH QMESGAGRAS DNSLLTHALP VKSHQKGYKE GNVQGNRNSW KHIKPHQKGS  
KGERVEELST SEKHVPYVKN HLKTSEKGD REINASI KCD PYIKTYRGS DVGRLRRANN  
CRKAFSLHAQ QISFIKIHKG SQVCRCSECG KLFNRNARYFS VHKKIHTGER PYMCMACGKA

## Product Details

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FVQSSSLTQH LRIHSGERPF ECSECGRTFN DRSAISQHLR THTGAKPYHC ERGKAFRQS  
SHLTRHERTH TGERPYVCIK CGKAFTQSSH LIGHQKTHGI KFKKQPKL **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.**

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Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: Zinc Finger Protein 110 (ZFP110)

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Alternative Name: Nrif1 ([ZFP110 Products](#))

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Background: Neurotrophin receptor-interacting factor 1 (Neurotrophin receptor-interacting factor) (Zinc finger protein 110),FUNCTION: Transcription regulator involved in NGFR/p75(NTR)-mediated apoptosis. Essential component of the NGFR/p75(NTR) apoptotic pathway: upon ligand-binding and subsequent cleavage of NGFR/p75(NTR), binds to the intracellular domain (ICD) cleavage product of NGFR/p75(NTR), translocates to the nucleus and induces apoptosis, possibly by regulating expression of key regulators of apoptosis. Induces NGFR/p75(NTR)-

## Target Details

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mediated apoptosis in retina and sympathetic neurons. May also regulate expression of neuronal cholesterol biosynthesis genes. Probably acts as a transcription repressor: specifically binds to the 3'-end of zinc-finger coding genes and recruiting chromatin-modifying proteins such as SETDB1 and TRIM28/KAP1, leading to transcription repression.

{ECO:0000269|PubMed:10545116, ECO:0000269|PubMed:15668238, ECO:0000269|PubMed:16630834, ECO:0000269|PubMed:18677445, ECO:0000269|PubMed:18815271}.

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Molecular Weight: 93.7 kDa

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UniProt: [Q923B3](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months