

Datasheet for ABIN7549712
NECAB3 Protein (AA 1-396) (His tag)



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Overview

Quantity:	1 mg
Target:	NECAB3
Protein Characteristics:	AA 1-396
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NECAB3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NECAB3 Protein expressed in mammalian cells.
Sequence:	MACAGLLTVC LLRPPAPQPQ PQTPRHPQLA PDPGPAGHTL FQDVFRRADK NDDGKLSFEE FQNYFADGVL SLGELQELFS GIDGHLTDNL ETEKLCDYFS EHLGVYRPVL AAESLNRAV LAAMDATKLE YERASKVDQF VTRFLLRETV SQLQALQSSL EGASDTLEAQ AHGWRSDAES VEAQSRLCGS RRAGRRLRS VSRSTWSPG SSDTGRSSEA EMQWRLQVNR LQELIDQLEC KVRAVGPGPH KGGPSWYPPE PGPCWRPGPH SVPSQAPRLE PLREEDLAKG PDLHILMAQR QVQVAEEGLQ DFHRALRCYV DFTGAQSHCL HVSAQKMLDG ASFTLYEFWQ DEASWRRHQQ SPGSKAFQRI LIDHLRAPDT LTTVFFPASW WIMNNN 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.
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.

Product Details

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

NECAB3

Alternative Name:

NECAB3 ([NECAB3 Products](#))

Background:

N-terminal EF-hand calcium-binding protein 3 (Amyloid-beta A4 protein-binding family A member 2-binding protein) (Nek2-interacting protein 1) (Neuronal calcium-binding protein 3) (X11L-binding protein 51),FUNCTION: Inhibits the interaction of APBA2 with amyloid-beta precursor protein (APP), and hence allows formation of amyloid-beta. May enhance the activity of HIF1A and thus promote glycolysis under normoxic conditions, the function requires its ABM domain and may implicate the stabilization of the interaction between HIF1AN and APBA3. {ECO:0000269|PubMed:10833507, ECO:0000269|PubMed:26948053}.

Molecular Weight:

44.4 kDa

UniProt:

[Q96P71](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
