

Datasheet for ABIN7561047  
**NECAB3 Protein (AA 1-353) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NECAB3
Protein Characteristics:	AA 1-353
Origin:	Mouse
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 LLGPPAPQQP RHSAPAAGHA LFQDVFRAD KNDDGKLSFE EFQNYFADGV LSSAELRELF SGIDDHLTDN LETEKLCDYF STHLGVYRPV LAALESLNRA VLTAMDTTKL EYEQASKVDQ FVTRFLLRET VNQLQALQTS LEGASDTLEA QAHGQRLDEE TIKAQSRPCG SRRAGRRLR SISWSPSWSP GSSDTGRSSE AEQQWRLQVN RLQELIDQLE CKAPRLEPTH EEDLTKGFDS HILVAQRQVQ VAEDALQDFH RALCCYMNFT GAQSHCLHVS AQKMLDNAAF TLYEFWQDEA SWRRHQQSPC SKAFQRTLID HLQAPDTLTT VFFPASWWIM NNN <b>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.</b>
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.
Characteristics:	Key Benefits:

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	NECAB3
Alternative Name:	Necab3 ( <a href="#">NECAB3 Products</a> )
Background:	N-terminal EF-hand calcium-binding protein 3 (Amyloid-beta A4 protein-binding family A member 2-binding protein) (X11L-binding protein 51) (mXB51),FUNCTION: Inhibits the interaction of APBA2 with amyloid-beta precursor protein (APP), and hence allows formation of amyloid-beta (By similarity). 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 (By similarity). {ECO:0000250 UniProtKB:Q96P71}.
Molecular Weight:	39.9 kDa
UniProt:	<a href="#">Q9D6J4</a>

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## 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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## Application Details

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Restrictions: For Research Use only

## Handling

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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