

Datasheet for ABIN7549642
NAC1 Protein (AA 1-527) (His tag)



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Overview

Quantity:	1 mg
Target:	NAC1 (NACC1)
Protein Characteristics:	AA 1-527
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NACC1 Protein expressed in mammalian cells.
Sequence:	<p>MAQTLQMEIP NFGNSILECL NEQRLQGLYC DVSVVVKGHA FKAHRAVLAA SSSYFRDLFN NSRSAVVELP AAVQPQSFQQ ILSFCYTGRL SMNVGDQFLL MYTAGFLQIQ EIMEKGTEFF LKVSSPSCDS QGLHAEAPS SEPQSPVAQT SGWPACSTPL PLVSRVKTEQ QESDSVQCMP VAKRLWDSGQ KEAGGGNGS RKMAKFSTPD LAANRPHQPP PPQQAPVVA AQPAAVAGAG QPAGGVAAAG GVVSGPSTSE RTSPGTSSAY TSDSPGSYHN EEDEEEDGGE EGMDEQYRQI CNMYTMYSMM NVGQTAEKVE ALPEQVAPES RNRIRVRQDL ASLPAELINQ IGNRCHPKLY DEGDPSEKLE LVTGTNVYIT RAQLMNCHVS AGTRHKVLLR RLLASFFDRN TLANSCGTGI RSSTNDPRRK PLDSRVLHAV KYQCQNFAPN FKESEMNAIA ADMCTNARRV VRKSWMPKVK VLKAEDDAYT TFISSETGKIE PDMMGVVEHGF ETASHEGEAG PSAEALQ Sequence without tag.</p> <p>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.</p>

Product Details

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:**

- 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: NAC1 (NACC1)

Alternative Name: NACC1 ([NACC1 Products](#))

Background: Nucleus accumbens-associated protein 1 (NAC-1) (BTB/POZ domain-containing protein 14B),FUNCTION: Functions as a transcriptional repressor. Seems to function as a transcriptional corepressor in neuronal cells through recruitment of HDAC3 and HDAC4. Contributes to tumor progression, and tumor cell proliferation and survival. This may be mediated at least in part through repressing transcriptional activity of GADD45GIP1. Required for recruiting the proteasome from the nucleus to the cytoplasm and dendritic spines. {ECO:0000269|PubMed:17130457, ECO:0000269|PubMed:17804717}.

Molecular Weight: 57.3 kDa

UniProt: [Q96RE7](#)

Application Details

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.

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
