

Datasheet for ABIN7554660
NAA15 Protein (AA 1-866) (His tag)



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Overview

Quantity:	1 mg
Target:	NAA15
Protein Characteristics:	AA 1-866
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAA15 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NAA15 Protein expressed in mammalian cells.
Sequence:	MPAVSLPPKE NALFKRILRC YEHKQYRNLG KFCKQILSNP KFAEHGETLA MKGLTLNCLG KKEEAYELVR RGLRNDLKSH VCWHVYGLLQ RSDKKYDEAI KCYRNALKWD KDNLQILRDL SLLQIQMRDL EGYRETRYQL LQLRPAQRAS WIGYAIAYHL LEDYEMAAKI LEEFRKTQQT SPDKVDYEYS ELLLYQNQVL REAGLYREAL EHLCTYEKQI CDKLAVEETK GELLLQLCRL EDAADVYRGL QERNPENWAY YKGLEKALKP ANMLERLKIY EEAWTKYPRG LVPRRLPLNF LSGEKFKECL DKFLRMNFSK GCPPVFNTLR SLYKDEKVA IIEELVVGYE TSLKSCRLFN PNDDGKEEPP TTLLWVQYYL AQHYDKIGQP SIALEYINTA IESTPTLIEL FLVKAKIYKH AGNIKEAARW MDEAQALDTA DRFINSKCAK YMLKANLIKE AEEMCSKFTR EGTSAVENLN EMQCMWFQTE CAQAYKAMNK FGEALKKCHE IERHFIEITD DQDFDHTYCM RKITLRSYVD LLKLEDVLRQ HPFYFKAARI AIEIYKLKLD NPLTDENKEH EADTANMSDK ELKKLRNKQR RAQKKAQIEE EKKNAEKEKQ QRNQKKKKDD DDEEIGGPKE ELIPEKLAKV ETPLEEAIF

LTPLKNLVKN KIETHLFAFE IYFRKEKFLL MLQSVKRAFA IDSSHPWLHE CMIRLFNTAV
CESKDLSDTV RTVLKQEMNR LFGATNPKNF NETFLKRNSD SLPHRLSAAK MVMYLDPSSQ
KRAIELATTL DESLTNRNLQ TCMEVLEALY DGS LGDCKEA AEIYRANCHK LFPYALAFMP
PGYEEDMKIT VNGDSSAEAE ELANEI

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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	NAA15
Alternative Name:	NAA15 (NAA15 Products)
Background:	N-alpha-acetyltransferase 15, NatA auxiliary subunit (Gastric cancer antigen Ga19) (N-terminal acetyltransferase) (NMDA receptor-regulated protein 1) (Protein tubedown-1) (Tbdn100),FUNCTION: Auxillary subunit of N-terminal acetyltransferase complexes which display alpha (N-terminal) acetyltransferase (NAT) activity (PubMed:15496142, PubMed:20154145, PubMed:29754825, PubMed:32042062). The NAT activity may be important for vascular, hematopoietic and neuronal growth and development (PubMed:15496142). Required to control retinal neovascularization in adult ocular endothelial

Target Details

cells (PubMed:11687548). In complex with XRCC6 and XRCC5 (Ku80), up-regulates transcription from the osteocalcin promoter (PubMed:12145306).
{ECO:0000269|PubMed:11687548, ECO:0000269|PubMed:12145306, ECO:0000269|PubMed:15496142, ECO:0000269|PubMed:20154145, ECO:0000269|PubMed:29754825, ECO:0000269|PubMed:32042062}.

Molecular Weight: 101.3 kDa

UniProt: [Q9BXJ9](#)

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