

Datasheet for ABIN7552062

ANKS1B Protein (AA 1-1248) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ANKS1B
Protein Characteristics:	AA 1-1248
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKS1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ANKS1B Protein expressed in mammalian cells.
Sequence:	MGKDQELLEA ARTGNVALVE KLLSGRKGGI LGGGSGPLPL SNLLSIWRGP NVNCTDSSGY TALHHAALNG HKDIVLKLLQ YEASTNVADN KGYFPIHLAA WKGDVEIVKI LIHHGPSHSR VNEQNNENET ALHCAAQYGH SEVVAVLLEE LTDPTIRNSK LETPLDLAAL YGRLRVVKMI ISAHPNLMSC NTRKHTPLHL AARNGHKAVV QVLEAGMDV SCQTEKGSAL HEAALFGKVD VVRVLETGI DANIKDSLGR TVLDILKEHP SQKSLQIATL LQEYLEGVGR STVLEEPVQE DATQETHISS PVESPSQTK SETVTGELSK LLDEIKLCQE KDYSFEDLCH TISDHYLDNL SKISEEELGK NGSQSVRTSS TINLSPGEVE EEDDDENTCG PSGLWEALTP CNGCRNLGFP MLAQESYPKK RNYTMEIVPS ASLDTFPESEN ENFLCDLMDT AVTKKPCSLE IARAPSPRTD NASEVAVTTP GTSNHRNSST GPTPDCSPPS PDTALKNIVK VIRPQPKQRT SIVSSLDFHR MNHNQEYFEI NTSTGCTSFT ASPPASPTS SVGTTEVKNE GTNHTDDLSR QDDNDPPKEY DPGQFAGLLH GSSPACESPE NPFHLYGKRE QCEKGQDEVS LANSPLPFKQ SPIENNSEPL VKKIKPKVVS RTIFHKKSNQ LENHTIVGTR STRSGSRNGD QWVMNAGGFV ERACTLGRIR

Product Details

SLPKALIDMH LSKSVSKSDS DLIAYPSNEK TSRVNWSESS TAEHSSKGNs ERTPSFTSEW
EEIDKIMSSI DVGINNELKE MNGETTRPRC PVQTVGQWLE SIGLPQYENH LMANGFDNVQ
FMGNSVMEDQ DLLEIGILNS GHRQRILQAI QLLPKMRPIG HDGYHPTSVA EWLDSIELGD
YTKAFLINGY TSMDLLKKIW EVELINVLKI NLIGHRKRIL ASLGDR LHDD PPQKPPRSIT
LREPSGNHPT PQLSPSLSQS TYTTGGSLDV PHIIMQGDAR RRRNENYFDD IPRSKLERQM
AQTGDWGEPS ITLRPPNEAT ASTPVQYWQH HPEKLIFQSC DYKAFYLGSM LIKELRGTES
TQDACAKMRA NCQKSTEQMK KVPTIILSVS YKGVK FIDAT NKNIIAEHEI RNISCAAQDP
EDLSTFAYIT KDLKSNHHYC HVFTAFDVNL AYEIILTLGQ AFEVAYQLAL QARKGGHSST
LPESFENKPS KPIPKPRVSI RKSVDLLHAS HTGQEPSEH TEEALRKF **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.

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: ANKS1B

Target Details

Alternative Name: [ANKS1B \(ANKS1B Products\)](#)

Background: Ankyrin repeat and sterile alpha motif domain-containing protein 1B (Amyloid-beta protein intracellular domain-associated protein 1) (AIDA-1) (E2A-PBX1-associated protein) (EB-1),FUNCTION: Isoform 2 may participate in the regulation of nucleoplasmic coilin protein interactions in neuronal and transformed cells., FUNCTION: Isoform 3 can regulate global protein synthesis by altering nucleolar numbers. {ECO:0000250, ECO:0000269|PubMed:15347684, ECO:0000269|PubMed:15862129}., FUNCTION: Isoform 4 may play a role as a modulator of APP processing. Overexpression can down-regulate APP processing.

Molecular Weight: 138.1 kDa

UniProt: [Q7Z6G8](#)

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
