

Datasheet for ABIN7552654
BANP Protein (AA 1-519) (His tag)



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Overview

Quantity:	1 mg
Target:	BANP
Protein Characteristics:	AA 1-519
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BANP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BANP Protein expressed in mammalian cells.
Sequence:	MMSEHDLADV VQIAVEDLSP DHPVVLENHV VTDEDEPALK RQRLEINCQD PSIKTICLRL DSIEAKLQAL EATCKSLEEK LDLVTNKQHS PIQVPMVAGS PLGATQTCNK VRCVVPQTTV ILNNDRQNAI VAKMEDPLSN RAPDSLENNI SNAVPGRRQN TIVVKVPGQE DSHHEDGESG SEASDSVSSC GQAGSQSIGS NVTLITLNSE EDYPNGTWLG DENNPEMRVR CAIIPSDMLH ISTNCRTAEK MALTLLDYLF HREVQAVSNL SGQGKHGKKQ LDPLTIYGIR CHLFYKFGIT ESDWYRIKQS IDSKCRTAWR RKQRGQSLAV KSFSR RTPNS SSSYCPSEPM STPPASELP QPQPQPQALH YALANAQQVQ IHQIGEDGQV QVGHLHIAQV PQGEVQITQ DSEGNLQIHH VGQDQGQLEA TRIPCLLAPS VFKASSGQVL QGAQLIAVAS SDPAAAGVDG SPLQGSDIQV QYVQLAPVSD HTAGAQTAEA LQPTLQPEMQ LEHGAIQIQ 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.

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: BANP

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

Background: Protein BANP (BEN domain-containing protein 1) (Btg3-associated nuclear protein) (Scaffold/matrix-associated region-1-binding protein),FUNCTION: Controls V(D)J recombination during T-cell development by repressing T-cell receptor (TCR) beta enhancer function. Binds to scaffold/matrix attachment region beta (S/MARbeta), an ATC-rich DNA sequence located upstream of the TCR beta enhancer. Represses cyclin D1 transcription by recruiting HDAC1 to its promoter, thereby diminishing H3K9ac, H3S10ph and H4K8ac levels. Promotes TP53 activation, which causes cell cycle arrest (By similarity). {ECO:0000250, ECO:0000250|UniProtKB:Q8VBU8, ECO:0000269|PubMed:16166625}.

Molecular Weight: 56.5 kDa

UniProt: [Q8N9N5](#)

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
