

Datasheet for ABIN7562596

BAZ1A Protein (AA 1-1555) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	BAZ1A
Protein Characteristics:	AA 1-1555
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAZ1A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Baz1a Protein expressed in mammalian cells.
Sequence:	MPLLHRKPFV RQKPPGDLRP DEEVFYCKVT NEIFRHYDDF FERTILCNLS VWSCAVTGRP GLTYQEALERS ERKARQNLQS FPEPLIIPVL YLTNLTRRSR LHEICDDIFA YVKDRYFVEE TVEVIRNNGT RLQCRILEVL PPLHQNGFAN GHLSSADGET IVISDSDDSE TQSSSFHHGK KKDAIDPLLF RYRVQPTKKE MYESAVVKAT QISRRKHLFS RDKLKLFLKQ HCEAQDGVIK IKASSFSAYN IAEQDFS YFF PDDPPTFIFS PANRRRGRPP KRISFGQEDS IASKQTAARY RNKAIKERDK LLKQEEMRAL AFEKAKLKRE RADALEARKR EKEDKEKKRE ELKKMVEEER LKKKEEKERL KIEREKEREK LREEKRKYME YLKQWSKPRE DMECDDLKEL PEPTPVKTRL PPEVFGDALM VLEFLNAFGE LFDLQDEFPE GVTLAEVLEE ALVGNDSEGP LCELLFFFLT AIFQAMAEERE EEVAKEQITD ADTKDLTEAL DEDADPTKSA LSVAALAAA WPQLHQGCSL KSLDLDSCTL SEILRLHILA SGADVTSANA KYRYQKRGGF DATDDACMEL RLSNP SLVKK LSSTSVDYLT PGEKMKILHA LCGKLLTLVS TRDFIEDYVD VLRQAKQEFR ELKAEQHRKE REATAARIRR RKEEKLEKEQEQ QKMKEKQEKL KEDEQRNSAA VPGYGEERE DFDTSTENKN

IEQKDLDPDV VTEDEDDPGS HKRSRRGKVG QTAVKQCIKQ EEMNYCIKQE PLSADAEAL
RQEQQKEKE LLDKIQAIA CTNIFPLGRD RLYRRYWIFP SIPGLFIEED YSGLTEDMLL
PRPSSFHNA QPRDPQVSIK TEESFLSEST SSLDQGPFDV SVLLPKPVHK PNRWCFYSSC
AQLDQLDAL NSRGHRESAL KETLLQEKS RICAQLAHFSE EKHFHSDKPQ ADSKPVSSRG
RSSGACDISQ MSAERQLELR LRDFLLDIED RIYQGTGAI KVTDRQVWRS ALENGRYELL
SEESKENGVI KTVNEDVEEM EMEQARVIVR DRLLGIKTET PSTISTSAST PQSVSNVVHY
LALALFQIEQ GIERRFLKAP LDGNDSGRSY KTVLDRWRES LLSSASLSQV FLHLSTLDRS
VMWSKSILNA RCKICRKKGD AENMVLCDGC DRGHHTYCVR PKLKAVPDGD WFCPECRPKQ
RSRRLSSRQR PSLESDEEME EGMEDDDDEV DDDDEEGQSE EEEYEVEQDE EDSDDDEALS
PPKRGRPQVR LPIKTKGRFG PSFSPRSQRQ DPGRYPSRSQ QSTPKNTAKS ASKNLRKTRS
APPTETRSR VGSRSTRHSP SALQDVVEL LSPHSKRRGR KGADHTPEHS PSFTNFRVST
SRSSRQLIPL NTAESLSLQH SESKRRGRKR QSTESSPVPL NRRSSGRQGG VHELSAFEQL
VVELVRHDDS WPFLKLVSKI QVPDYDIIK KPIALNIIRE KVNKCEYKLA SEFIDDIELM
FSNCFEYNPR NTSEAKAGTR LQAFFHIAQ KLGLHVSPST VDQVSTPLAA KKSRI **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)

Product Details

Grade: custom-made

Target Details

Target: BAZ1A

Alternative Name: Baz1a ([BAZ1A Products](#))

Background: Bromodomain adjacent to zinc finger domain protein 1A (Cbp146),FUNCTION: Regulatory subunit of the ATP-dependent ACF-1 and ACF-5 ISWI chromatin remodeling complexes, which form ordered nucleosome arrays on chromatin and slide edge- and center-positioned histone octamers away from their original location on the DNA template to facilitate access to DNA during DNA-templated processes such as DNA replication, transcription, and repair (By similarity). Both complexes regulate the spacing of nucleosomes along the chromatin and have the ability to slide mononucleosomes to the center of a DNA template in an ATP-dependent manner (By similarity). The ACF-1 ISWI chromatin remodeling complex has a lower ATP hydrolysis rate than the ACF-5 ISWI chromatin remodeling complex (By similarity). Has a role in sensing the length of DNA which flank nucleosomes, which modulates the nucleosome spacing activity of the ACF-5 ISWI chromatin remodeling complex (By similarity). Involved in DNA replication and together with SMARCA5/SNF2H is required for replication of pericentric heterochromatin in S-phase (By similarity). May have a role in nuclear receptor-mediated transcription repression (By similarity). {ECO:0000250|UniProtKB:Q9NRL2}.

Molecular Weight: 178.5 kDa

UniProt: [088379](#)

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

Handling

Storage Comment: Store at -80°C.

Expiry Date: 12 months