Datasheet for ABIN7552657

BAZ1A Protein (AA 1-1556) (His tag)

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Overview

Quantity:	1 mg
Target:	BAZ1A
Protein Characteristics:	AA 1-1556
Origin:	Human
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 RQKPPADLRP DEEVFYCKVT NEIFRHYDDF FERTILCNSL VWSCAVTGRP GLTYQEALES EKKARQNLQS FPEPLIIPVL YLTSLTHRSR LHEICDDIFA YVKDRYFVEE TVEVIRNNGA RLQCRILEVL PPSHQNGFAN GHVNSVDGET IIISDSDDSE TQSCSFQNGK KKDAIDPLLF KYKVQPTKKE LHESAIVKAT QISRRKHLFS RDKLKLFLKQ HCEPQDGVIK IKASSLSTYK IAEQDFSYFF PDDPPTFIFS PANRRRGRPP KRIHISQEDN VANKQTLASY RSKATKERDK LLKQEEMKSL AFEKAKLKRE KADALEAKKK EKEDKEKKRE ELKKIVEEER LKKKEEKERL KVEREKEREK LREEKRKYVE YLKQWSKPRE DMECDDLKEL PEPTPVKTRL PPEIFGDALM VLEFLNAFGE LFDLQDEFPD GVTLEVLEEA LVGNDSEGPL CELLFFFLTA IFQAIAEEEE EVAKEQLTDA DTKDLTEALD EDADPTKSAL SAVASLAAAW PQLHQGCSLK SLDLDSCTLS EILRLHILAS GADVTSANAK YRYQKRGGFD ATDDACMELR LSNPSLVKKL SSTSVYDLTP GEKMKILHAL CGKLLTLVST RDFIEDYVDI LRQAKQEFRE LKAEQHRKER EEAAARIRKR KEEKLKEQEQ KMKEKQEKLK EDEQRNSTAD ISIGEEERED FDTSIESKDT

	EQKELDQDMV TEDEDDPGSH KRGRRGKRGQ NGFKEFTRQE QINCVTREPL TADEEEALKQ EHQRKEKELL EKIQSAIACT NIFPLGRDRM YRRYWIFPSI PGLFIEEDYS GLTEDMLLPR PSSFQNNVQS QDPQVSTKTG EPLMSESTSN IDQGPRDHSV QLPKPVHKPN RWCFYSSCEQ LDQLIEALNS RGHRESALKE TLLQEKSRIC AQLARFSEEK FHFSDKPQPD SKPTYSRGRS SNAYDPSQMC AEKQLELRLR DFLLDIEDRI YQGTLGAIKV TDRHIWRSAL ESGRYELLSE ENKENGIIKT VNEDVEEMEI DEQTKVIVKD RLLGIKTETP STVSTNASTP QSVSSVVHYL AMALFQIEQG IERRFLKAPL DASDSGRSYK TVLDRWRESL LSSASLSQVF LHLSTLDRSV IWSKSILNAR CKICRKKGDA ENMVLCDGCD RGHHTYCVRP KLKTVPEGDW FCPECRPKQR SRRLSSRQRP SLESDEDVED SMGGEDDEVD GDEEEGQSEE EEYEVEQDED DSQEEEEVSL PKRGRPQVRL PVKTRGKLSS SFSSRGQQQE PGRYPSRSQQ STPKTTVSSK TGRSLRKINS APPTETKSLR IASRSTRHSH GPLQADVFVE LLSPRRKRRG RKSANNTPEN SPNFPNFRVI ATKSSEQSRS VNIASKLSLQ ESESKRRCRK RQSPEPSPVT LGRRSSGRQG GVHELSAFEQ LVVELVRHDD SWPFLKLVSK IQVPDYYDII KKPIALNIIR EKVNKCEYKL ASEFIDDIEL MFSNCFEYNP RNTSEAKAGT RLQAFFHIQA QKLGLHVTPS NVDQVSTPPA AKKSRI **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 (ATP-dependent chromatin-remodeling protein) (ATP-utilizing chromatin assembly and remodeling factor 1) (hACF1) (CHRAC subunit ACF1) (Williams syndrome transcription factor-related chromatin-remodeling factor 180) (WCRF180) (hWALp1),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 (PubMed:17099699, PubMed:28801535). 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 (PubMed:14759371, PubMed:17099699, PubMed:28801535). The ACF-1 ISWI chromatin remodeling complex has a lower ATP hydrolysis rate than the ACF-5 ISWI chromatin remodeling complex (PubMed:28801535). 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 (PubMed:17099699). Involved in DNA replication and together with SMARCA5/SNF2H is required for replication of pericentric heterochromatin in S-phase (PubMed:12434153). May have a role in nuclear receptor-mediated transcription repression (PubMed:17519354). {ECO:0000269|PubMed:12434153, ECO:0000269|PubMed:14759371, ECO:0000269|PubMed:17099699, ECO:0000269|PubMed:17519354, ECO:0000269|PubMed:28801535}.
Molecular Weight:	178.7 kDa
UniProt:	Q9NRL2

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

