

Datasheet for ABIN7560844

CHAF1B Protein (AA 1-572) (His tag)



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Overview

Quantity:	1 mg
Target:	CHAF1B
Protein Characteristics:	AA 1-572
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHAF1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Chaf1b Protein expressed in mammalian cells.
Sequence:	<p>MKVITCEIAW HNKEPVYSLD FQHGATWKIH RLASAGVDTA VRIWKLERGP DGKAIVEFLS NLARHTKAVN VVRFSPSTGEI LASGGDDAVI LLWKMNDKE PEQIAFQDEE EAQLNKENWT VVKTLRGHLE DVYDICWATD GNLMTSASVD NTVIWDVSK GQKISIFNEH KSYVQGVTD PLGQYIATLS CDRVLRINYNT QKKRVAFNIS KMLSGQGPEG EARSFRMFHD DSMKSFFRRL SFTPDGSLLL TPAGCMESGE NVTNTTYVFS RKHLKRPIAH LPCPGKATLA VRCCPVYFEL RPVAETEKAS EEPSPVLNL PYRMVFAVAS EDSVLLYDTQ QSFPFGYVSN IHYHTLSDIS WSSDGAFLAI SSTDGYCTFV TFEKGELGIP LKEKPVLSIR TPDTAKKAKN QTHQGSSPGS RSVEGTPSNR TQDPSSPCTT PSPTTQSPAP SAIKDSPSAI PAGKSPLPQP SEEKTLQPAG QNMKAPQPRR VTLNLTQTWG KTAPRRINLT PLKTDTPVNP QPNSGTAPST EEVQPEAPGE PPEPPELKR PRLEEREGDA QNLAPDDSSK TV</p> <p>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</p>

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: CHAF1B

Alternative Name: Chaf1b ([CHAF1B Products](#))

Background: Chromatin assembly factor 1 subunit B (CAF-1 subunit B) (Chromatin assembly factor I p60 subunit) (CAF-I 60 kDa subunit) (CAF-I p60),FUNCTION: Complex that is thought to mediate chromatin assembly in DNA replication and DNA repair. Assembles histone octamers onto replicating DNA in vitro. CAF-1 performs the first step of the nucleosome assembly process, bringing newly synthesized histones H3 and H4 to replicating DNA, histones H2A/H2B can bind to this chromatin precursor subsequent to DNA replication to complete the histone octamer (By similarity). {ECO:0000250|UniProtKB:Q13112, ECO:0000250|UniProtKB:Q5R1S9}.

Molecular Weight: 63.1 kDa

UniProt: [Q9D0N7](#)

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