

Datasheet for ABIN7552694
BAHD1 Protein (AA 1-780) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	BAHD1
Protein Characteristics:	AA 1-780
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAHD1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat BAHD1 Protein expressed in mammalian cells.
Sequence:	<p>MTHTRRKSLP MLSSGLTGRR EPLQMEDSNM EQGVEGVEPG MPESPGHLTG RRKNYPLRKR PLVPEKPKAC KVLLTRLENV AGPRSADEAD ELPPDLKPP SPAPSSDPG LAQPRKRRLA SLNAEALNNL LLEREDTSSL AGTRRSRAGD PHRSRDRDRA TGGWSSSKKR PRLGDLGGGS RDLSPAPD EGPRRDGPA PKRLASLNAA AFLKLSQERE LPLRLPRAHA EVDGRSTEPP APKAPRPKWP KVNGKNYPKA WQGASSGEAA GPPGWQGCPD EPWPSATPCG PSVQPSHQPL SKALESPLGL RPHLPLLMGG QAALKPEPGR PGEESPAPKQ ELHQPSFPTP QLSPLMPGN PADYNGLCVG PELTALGSFY LYCGQEGLQC GGYSPCPMLP EGKLSVPAAP HEEGLLLAPS SVPSGTPFQH PPWGSSRYCS SEDTGVNGYS ICGVLPLSVT HAGTTCGGCP YKMPFAAEGC RSLGQLEFPL PEAGHPASPA HPLLGCPVPS VPPAAEPVPH LQTPTSEPQT VARACPQSAK PPSGSKGLR TGSSCRHTAR SKAARRPSHP KQPRVQRPRP RRRRRRRTNG WVPVGAACEK AVYVLDEPEP AIRKSYQAVE RHGETIRVRD TVLLKSGPRK TSTPYVAKIS ALWENPESGE</p>

Product Details

LMMSLLWYYR PEHLQGGRRSP SMHEPLQNEV FASRHQDQNS VACIEEKCYV LTFAEYCRFC
AMAKRRGEGL PSRKTALVPP SADYSTPPHR TVPEDTDPEL VFLCRHVYDF RHGRILKNPQ

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

BAHD1

Alternative Name:

BAHD1 ([BAHD1 Products](#))

Background:

Bromo adjacent homology domain-containing 1 protein (BAH domain-containing protein 1),FUNCTION: Heterochromatin protein that acts as a transcription repressor and has the ability to promote the formation of large heterochromatic domains. May act by recruiting heterochromatin proteins such as CBX5 (HP1 alpha), HDAC5 and MBD1. Represses IGF2 expression by binding to its CpG-rich P3 promoter and recruiting heterochromatin proteins. At specific stages of Listeria infection, in complex with TRIM28, corepresses interferon-stimulated genes, including IFNL1, IFNL2 and IFNL3. {ECO:0000269|PubMed:19666599, ECO:0000269|PubMed:21252314}.

Target Details

Molecular Weight: 84.7 kDa

UniProt: [Q8TBEO](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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