

Datasheet for ABIN7563775  
**BAHD1 Protein (AA 1-772) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BAHD1
Protein Characteristics:	AA 1-772
Origin:	Mouse
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 mammalien cells.
Sequence:	<p>           MTHTRRKSLP MLSSGPTGRG EPLQMEDSNM EQGTEDVEPG MPESPGHLTG RRKNYPLRKR            SLVPEKPKAC KVLLTRLENV AGPRSADEAD ELPPDLKPP SPTSSSEDAG LVQPRKRRLA            SLNAEALNNL LLEREETSSL AGARRSRGGD PHRSRDRATG SWSFSKKRPR LGDLGEGSRD            LSPELAPDEG ARRDGDPAPK RLASLNAAAF LKLSQERELP LRPSRAQAEA DGRSTEPLAP            RILRPKVNGK NCPKARQGAG SGEATGPPNW QEQPDERWPS APPHGPPTQP SHQAPGKALE            NPLRPNLPLL MGGQAALKPE PGRPGEESPA PKQELHQPSF PAPQLSPLPM PGNPADYSGP            CGGPELTALG SFYLYCGQDG LQCGAYSPCP MLPEGKLSPV AAPNEGLLMA PSSVPSGVPF            QHPPWSAPRY CSSEDTGANG YSICGVLPLS LTHIGTTCCG CPYKMPFTAE GCRSLGQLEF            PLPEAGHPAS PAHPLLGCPV PSVPPAAEPI PHLQTPISEP QTVARACPQS AKPPSGSKSG            LRTGSSCRHT VRSKAARRPS HPKQPRAQRP RPRRRRRRRRT NGWVPVGAAC EKAVYVLDEP            EPAIRKSYQA VERHGETIRV RDTVLLKSGP RKTSTPYVAK ISALWENPES GELMMSLLWY         </p>

## Product Details

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YRPEHLQGGGR SPSMHEPLQN EVFASRHQDQ NSVACIEEK YVLTFAEYCR FCAMAKRRGE  
GLPSRKALV PPSADYSTPP HRTVPEDTDP ELVFLCRHVY DFRHGRILKN PQ **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

BAHD1

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### Alternative Name:

Bahd1 ([BAHD1 Products](#))

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### 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 (By similarity). {ECO:0000250|UniProtKB:Q8TBE0}.

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### Molecular Weight:

83.9 kDa

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## Target Details

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UniProt: [Q497V6](#)

## Application Details

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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

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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