

Datasheet for ABIN7560683
BEX4 Protein (AA 1-118) (His tag)



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Overview

Quantity:	1 mg
Target:	BEX4
Protein Characteristics:	AA 1-118
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BEX4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Bex4 Protein expressed in mammalien cells.
Sequence:	<p>MASKFKQVIL DLTVEKDKKD KKGGKASKQS EEEPHHLEEV ENKKPGGNVR RKVRRLLVPNF LWAIPNRHVD RNEGGEVDGR FVVQGTEVKR KTTEQQRVPY RRFRTPEPDN HYDFCLIP</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 contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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).

Product Details

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: BEX4

Alternative Name: Bex4 ([BEX4 Products](#))

Background: Protein BEX4 (Brain-expressed X-linked protein 4),FUNCTION: May play a role in microtubule deacetylation by negatively regulating the SIRT2 deacetylase activity toward alpha-tubulin and thereby participate in the control of cell cycle progression and genomic stability (By similarity). In absence of reductive stress, acts as a pseudosubstrate for the CRL2(FEM1B) complex: associates with FEM1B via zinc, thereby preventing association between FEM1B and its substrates (PubMed:34562363). {ECO:0000250|UniProtKB:Q9NWD9, ECO:0000269|PubMed:34562363}.

Molecular Weight: 13.8 kDa

UniProt: [Q9CWT2](#)

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