

Datasheet for ABIN7556257
BEX2 Protein (AA 1-129) (His tag)



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Overview

Quantity:	1 mg
Target:	BEX2
Protein Characteristics:	AA 1-129
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BEX2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Bex2 Protein expressed in mammalien cells.
Sequence:	MESKVEQGVK NLNMENDHQE KEEKEEK PQD ASKRDPIVAL PFEAGDYYPV RGGRRRFRVR QPIVHYRWDL MHRVGEPQGR MREENVQRFQ DDVRQLMEKL RERQLSHSLR AVSTDP PHHD HHDEFCLMP 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 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:	BEX2
Alternative Name:	Bex2 (BEX2 Products)
Background:	Protein BEX2 (Brain-expressed X-linked protein 2 homolog),FUNCTION: Regulator of mitochondrial apoptosis and G1 cell cycle (By similarity). Regulates the level of PP2A regulatory subunit B and PP2A phosphatase activity (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:Q9BXY8, ECO:0000269 PubMed:34562363}.
Molecular Weight:	15.5 kDa
UniProt:	Q9WTZ8

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
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Handling

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