

Datasheet for ABIN7559992  
**BZW2 Protein (AA 1-419) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BZW2
Protein Characteristics:	AA 1-419
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BZW2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Bzw2 Protein expressed in mammalian cells.
Sequence:	<p>MNKHQKPVLT GQRFKTRKRD EKEKFPTVF RDTLVQGLNE AGDDLEAVAK FLDSTGSRLD YRRYADTLFD ILVAGSMLAP GGTRIDDGDK TKMTNHCVFS ANEDHETIRN YAQVFNKLIR RYKYLEKAFE DEMKKLLLFL KAFSEAEQTK LAMLSGILLG NGTLPATILT SLFTDSLVE GIAASFAVKL FKAWMAEKDA NSVTSSLRKA NLDKRLELFL PVNRQSVDHF AKYFTDAGLK ELSDFLRVQQ SLGTRKELQK ELQERLSQEC PIKEVVLYVK EEMKRNDLPE TAVIGLLWTC IMNAVEWNKK EELVAEQALK HLKQYAPLLA VFSSQGQSEL VLLQKVQEYC YDNIHFMKAF QKIVVLFYKA DVLSEEAILK WYKEAHAAGK KSVFLDQMKK FVEWLQNAEE ESESEGEES</p> <p><b>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.</b></p>
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.

## Product Details

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

BZW2

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### Alternative Name:

Bzw2 ([BZW2 Products](#))

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### Background:

EIF5-mimic protein 1 (Basic leucine zipper and W2 domain-containing protein 2),FUNCTION: Translation initiation regulator which represses non-AUG initiated translation and repeat-associated non-AUG (RAN) initiated translation by acting as a competitive inhibitor of eukaryotic translation initiation factor 5 (EIF5) function (By similarity). Increases the accuracy of translation initiation by impeding EIF5-dependent translation from non-AUG codons by competing with it for interaction with EIF2S2 within the 43S pre-initiation complex (PIC) in an EIF3C-binding dependent manner (By similarity). {ECO:0000250|UniProtKB:Q9Y6E2}.

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### Molecular Weight:

48.1 kDa

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### UniProt:

[Q91VK1](#)

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### Pathways:

[SARS-CoV-2 Protein Interactome](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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