

Datasheet for ABIN7558094  
**BNIP1 Protein (AA 1-228) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BNIP1
Protein Characteristics:	AA 1-228
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BNIP1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Bnip1 Protein expressed in mammalian cells.
Sequence:	MAAPQDVHVR ICNQEIVKFD LEVKALIQDI RDCSGPLSEL TELNTKVKEK FQQLKQRIQE LEQSAREQDK ESEKQLLLQE VENHKKQMLS NQTSWRKANL TCKLAIDNLE KAELLQGGDS LRQRKTTKES LAQTSSSITE SLMGISRMMS QQVQQSEEAM QTLVSSSRTL LDANEEFKSM SGTIQLGRKL ITKYNRRELT DKLLIFLALA LFLATVLYIV KKRLFPFL <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>
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.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	BNIP1
Alternative Name:	Bnip1 ( <a href="#">BNIP1 Products</a> )
Background:	Vesicle transport protein SEC20,FUNCTION: As part of a SNARE complex may be involved in endoplasmic reticulum membranes fusion and be required for the maintenance of endoplasmic reticulum organization. Also plays a role in apoptosis. It is for instance required for endoplasmic reticulum stress-induced apoptosis. As a substrate of RNF185 interacting with SQSTM1, might also be involved in mitochondrial autophagy. {ECO:0000250 UniProtKB:Q12981}.
Molecular Weight:	26.2 kDa
UniProt:	<a href="#">Q6QD59</a>

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## 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.
Restrictions:	For Research Use only

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## 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