

Datasheet for ABIN7552527  
**PUMA Protein (AA 1-193) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PUMA (BBC3)
Protein Characteristics:	AA 1-193
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PUMA protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant BBC3 Protein expressed in mammalian cells.
Sequence:	MARARQEGSS PEPVEGLARD GPRPFPLGRL VPSAVSCGLC EPGLAAAPAA PTLTPAAYLC APTAPPAVTA ALGGSRWPGG PRSRPRGPRP DGPQPSLSLA EQHLESPVPS APGALAGGPT QAAPGVRGEE EQWAREIGAQ LRRMADDLNA QYERRRQEEQ QRHRPSPWRV LYNLIMGLLP LPRGHRAPEM EPN <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><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and</li></ul>

## Product Details

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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
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## Target Details

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Target:	PUMA (BBC3)
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Alternative Name:	BBC3 ( <a href="#">BBC3 Products</a> )
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Background:	Bcl-2-binding component 3, isoforms 1/2 (JFY-1) (p53 up-regulated modulator of apoptosis),FUNCTION: Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis (PubMed:11463391, PubMed:23340338). Promotes partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53, releasing the bound p53/TP53 to induce apoptosis (PubMed:23340338). Regulates ER stress-induced neuronal apoptosis (By similarity). {ECO:0000250 UniProtKB:Q99ML1, ECO:0000269 PubMed:11463391, ECO:0000269 PubMed:23340338}.
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Molecular Weight:	20.5 kDa
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UniProt:	<a href="#">Q9BXH1</a>
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Pathways:	<a href="#">p53 Signaling, Positive Regulation of Endopeptidase Activity</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.
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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