

Datasheet for ABIN7552197  
**NOXA Protein (AA 1-54) (Fc Tag)**



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## Overview

Quantity:	1 mg
Target:	NOXA (PMAIP1)
Protein Characteristics:	AA 1-54
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOXA protein is labelled with Fc Tag.

## Product Details

Purpose:	Custom-made recombinant PMAIP1 Protein expressed in mammalian cells.
Sequence:	MPGKKARKNA QSPARAPAE LEVECATQLR RFGDKLNFRQ KLLNLISKLF CSGT <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:	<p>Key Benefits:</p> <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 transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul>

## Product Details

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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:	NOXA (PMAIP1)
Alternative Name:	PMAIP1 ( <a href="#">PMAIP1 Products</a> )
Background:	<p>Phorbol-12-myristate-13-acetate-induced protein 1 (PMA-induced protein 1) (Immediate-early-response protein APR) (Protein Noxa),FUNCTION: Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.</p> <p>{ECO:0000250, ECO:0000269 PubMed:10807576, ECO:0000269 PubMed:15694340, ECO:0000269 PubMed:15705586, ECO:0000269 PubMed:17374615, ECO:0000269 PubMed:17389404}.</p>
Molecular Weight:	6.0 kDa
UniProt:	<a href="#">Q13794</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</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
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## Application Details

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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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