

Datasheet for ABIN7561692
NOXA Protein (AA 1-103) (His tag)



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Overview

Quantity:	1 mg
Target:	NOXA (PMAIP1)
Protein Characteristics:	AA 1-103
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOXA protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Pmaip1 Protein expressed in mammalian cells.
Sequence:	MPGRKARRNA PVNPTRAELP PEFAAQLRKI GDKVYCTWSA PDITVVLAQM PGKSQKSRMR SPSPTRVPAD LKDECAQLRR IGDKNLNRQK LLNLISKLFN LVT 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.
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">• 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.

Product Details

- 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.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NOXA (PMAIP1)
Alternative Name:	Pmaip1 (PMAIP1 Products)
Background:	Phorbol-12-myristate-13-acetate-induced protein 1 (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 BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1 (By similarity). Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1. {ECO:0000250, ECO:0000269 PubMed:10807576, ECO:0000269 PubMed:15694340, ECO:0000269 PubMed:15901672, ECO:0000269 PubMed:16822983, ECO:0000269 PubMed:17389404}.
Molecular Weight:	11.6 kDa
UniProt:	Q9JM54
Pathways:	p53 Signaling , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Positive Regulation of Response to DNA Damage Stimulus

Application Details

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

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

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
