

Datasheet for ABIN7559385  
**NOXA1 Protein (AA 1-444) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NOXA1
Protein Characteristics:	AA 1-444
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOXA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Noxa1 Protein expressed in mammalien cells.
Sequence:	<p>MSSLGDQIRD WHRGVLAVAR EDWDSALCFF SDVREPLARM YFNRCVHLM AGDPEAALRA            FDQAVTKDTC MAVGFLQRGV ANFQLQRFQE AVSDFQLALA QLRDNAVIDY TQLGLNFKLQ            AWEVLYNMAS AQCQAGLWTK AANTLVEAIS KWPEGAQDIL DIAMDKVQKQ VPLQLQVVPK            GEVFQPPRRY LKHLEPMDFL GKAKVVASVI PDDHNAQPQQ RSQAEHAGHQ PSSSMCKRVL            STTGGHTSPG LYDSLLASRR PGGPSEVSS GSEGAATKDP ESLVTVTVQC HFTVPLKVPR            GTGLSSFQTL LAQALLHQTQ TGQLSYKAPG EERSWIPIST EESLQSIWRN VPVGPGGLQL            QCQGVWGRPV LYQVVAQYNY RAQRPEDLDF HQGDTVVDVLC EVDEAWLEGH RDGCVGIFPK            CFVVPAGAYV EAMLVLGPQP GDQN <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>
Characteristics:	Key Benefits:

## Product Details

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- 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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	NOXA1
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Alternative Name:	Noxa1 ( <a href="#">NOXA1 Products</a> )
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Background:	NADPH oxidase activator 1,FUNCTION: Functions as an activator of NOX1, a superoxide-producing NADPH oxidase. Functions in the production of reactive oxygen species (ROS) which participate in a variety of biological processes including host defense, hormone biosynthesis, oxygen sensing and signal transduction. May also activate CYBB/gp91phox and NOX3. {ECO:0000269 PubMed:12473664, ECO:0000269 PubMed:15326186, ECO:0000269 PubMed:16814099}.
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Molecular Weight:	48.9 kDa
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UniProt:	<a href="#">Q8CJ00</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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## Application Details

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Restrictions: For Research Use only

## 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