

Datasheet for ABIN7549840
NOXA1 Protein (AA 1-476) (His tag)



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Overview

Quantity:	1 mg
Target:	NOXA1
Protein Characteristics:	AA 1-476
Origin:	Human
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 mammalian cells.
Sequence:	MASLGDLVRA WHLGAQAVDR GDWARALHLF SGVPAPPARL CFNAGCVHLL AGDPEAALRA FDQAVTKDTC MAVGFFQRGV ANFQLARFQE ALSDFWLALQ QLRGHAAIDY TQLGLRFLKQ AWEVLHNVAS AQCQLGLWTE AASSLREAMS KWPEGSLNGL DSALDQVQRR GSLPPRQVPR GEVFRPHRWH LKHLEPVDFL GKAKVVASAI PDDQGWGVRP QQPQGGGANH DARSLIMDSP RAGTHQGPLD AETEVGADRC TSTAYQEQRQ QVEVVGKQAP LSPGLPAMGG PGPGPCEDPA GAGGAGAGGS EPLVTVTVQC AFTVALRARR GADLSSLRAL LGQALPHQAQ LGQLSYLAPG EDGHWVPIPE EESLQRAWQD AAACPRGLQL QCRGAGGRPV LYQVVAQHSY SAQGPEDLGF RQGDTVAVLC EVDQAWLEGH CDGRIGIFPK CFVVPAGPRM SGAPGRLPRS QQGDQP 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.

Product Details

Characteristics:

Key Benefits:

- 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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

NOXA1

Alternative Name:

NOXA1 ([NOXA1 Products](#))

Background:

NADPH oxidase activator 1 (NOX activator 1) (Antigen NY-CO-31) (NCF2-like protein) (P67phox-like factor) (p51-nox),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:12657628, ECO:0000269|PubMed:12716910, ECO:0000269|PubMed:14617635, ECO:0000269|PubMed:14978110, ECO:0000269|PubMed:15181005, ECO:0000269|PubMed:15824103, ECO:0000269|PubMed:17602954, ECO:0000269|PubMed:19755710}.

Molecular Weight:

50.9 kDa

UniProt:

[Q86UR1](#)

Application Details

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.

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
