

Datasheet for ABIN7549811
NOSTRIN Protein (AA 1-506) (His tag)



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Overview

Quantity:	1 mg
Target:	NOSTRIN
Protein Characteristics:	AA 1-506
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOSTRIN protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NOSTRIN Protein expressed in mammalian cells.
Sequence:	MRDPLTDCPY NKVYKNLKEF SQNGENFCKQ VTSVLQQRAN LEISYAKGLQ KLASKLSKAL QNTRKSCVSS AWAWASEGMK STADLHQKLG KAIIEAIKP TYQVLNVQEK KRKSLDNEVE KTANLVISNW NQQIKAKKKL MVSTKKHEAL FQLVESSKQS MTEKEKRKLL NKLTKSTEKL EKEDENYYQK NMAGYSTRLK WENTLENCYQ SILELEKERI QLLCNNLNQY SQHISLFGQT LTTCHTQIHC AISKIDIEKD IQAVMEETAI LSTENKSEFL LTDYFEEDPN SAMDKERRKS LLKPKLLRLQ RDIEKASKDK EGLERMLKTY SSTSSFSDAK SQKDTAALMD ENNLKLDLLE ANSYKLSSML AELEQRPQPS HPCSNSIFRW REKEHTHSYV KISRPFMKR LENIVSKASS GGQSNPGSST PPGAAQLSS RLCKALYSFQ ARQDDELNLE KGDIVIIHEK KEGGWVFGSL NGKKGHFPAA YVEELPSNAG NTATKA 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

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

NOSTRIN

Alternative Name:

NOSTRIN ([NOSTRIN Products](#))

Background:

Nostrin (BM247 homolog) (Nitric oxide synthase traffic inducer) (Nitric oxide synthase trafficker) (eNOS-trafficking inducer),FUNCTION: Multivalent adapter protein which may decrease NOS3 activity by inducing its translocation away from the plasma membrane. {ECO:0000269|PubMed:12446846, ECO:0000269|PubMed:16234328, ECO:0000269|PubMed:16807357}.

Molecular Weight:

57.7 kDa

UniProt:

[Q8IV19](#)

Application Details

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.

Application Details

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