

Datasheet for ABIN7549913  
**NOSIP Protein (AA 1-301) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NOSIP
Protein Characteristics:	AA 1-301
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOSIP protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant NOSIP Protein expressed in mammalian cells.
Sequence:	<p>MTRHGKNCTA GAVYTYHEKK KDTAASGYGT QNIRLSRDAV KDFDCCCLSL QPCHDPVVTP DGYLYERAI LEYLHQKKE IARQMKAYEK QRGTRREEQK ELQRAASQDH VRGFLEKESA IVSRPLNPFT AKALSGTSPD DVQPGPSVGP PSKDKDKVLP SFWIPSLTPE AKATKLEKPS RTVTCPMSGK PLRMSDLTPV HFTPLDSSVD RVGLITR SER YVCAVTRDSL SNATPCAVLR PSGAVVTEC VEKLIRKDMV DPVTGDKLTD RDIIVLQGG TGFAGSGVKL QAEKSRPVMQ A</p> <p><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>
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:

## 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	NOSIP
Alternative Name:	NOSIP ( <a href="#">NOSIP Products</a> )
Background:	<p>Nitric oxide synthase-interacting protein (E3 ubiquitin-protein ligase NOSIP) (EC 2.3.2.27) (RING-type E3 ubiquitin transferase NOSIP) (eNOS-interacting protein),FUNCTION: E3 ubiquitin-protein ligase that is essential for proper development of the forebrain, the eye, and the face. Catalyzes monoubiquitination of serine/threonine-protein phosphatase 2A (PP2A) catalytic subunit PPP2CA/PPP2CB (By similarity). Negatively regulates nitric oxide production by inducing NOS1 and NOS3 translocation to actin cytoskeleton and inhibiting their enzymatic activity (PubMed:11149895, PubMed:15548660, PubMed:16135813).</p> <p>{ECO:0000250 UniProtKB:Q9D6T0, ECO:0000269 PubMed:11149895, ECO:0000269 PubMed:15548660, ECO:0000269 PubMed:16135813}.</p>
Molecular Weight:	33.2 kDa
UniProt:	<a href="#">Q9Y314</a>

## 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 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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