

Datasheet for ABIN7559405  
**NUDT13 Protein (AA 1-352) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NUDT13
Protein Characteristics:	AA 1-352
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUDT13 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Nudt13 Protein expressed in mammalian cells.
Sequence:	<p>MSLYCRTFFR RKSFGCYRLL STYVTKARYL FELKEDEEAC RKAQKTGVFY LFHDLDP LLQ ASGHRYLVPR LSRAELEG LL GKFGQDSQRI EDSVLVGCSE QQEAWFALDL GLKSASSSRA SLPKSEMEAE LGGSEFIKLRQ ALFQLNSVDS SLLFTAQALL RWHDGHQFCS KSGQPTQKNV AGSKRVC PSS KIIYYPQMAP VVITLVSDGA RCLLARQSSF PKGLYSALAG FCDIGESVEE TVHREVAEEV GLEVENIQYS ASQHWPF P NS SLM IACHATV KPGHTEIQVN LKELEAAAWF SLDEVTTALR RKGSLALQPS EASPLLLPPK LAIAHHLIKK WVETRSCSSL AA <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:	NUDT13
Alternative Name:	Nudt13 ( <a href="#">NUDT13 Products</a> )
Background:	NAD(P)H pyrophosphatase NUDT13, mitochondrial (EC 3.6.1.22) (Nucleoside diphosphate-linked moiety X motif 13) (Nudix motif 13),FUNCTION: NAD(P)H pyrophosphatase that hydrolyzes NADH into NMNH and AMP, and NADPH into NMNH and 2',5'-ADP (PubMed:28755312). Has a marked preference for the reduced pyridine nucleotides (PubMed:28755312). Does not show activity toward NAD-capped RNAs, the NAD-cap is an atypical cap present at the 5'-end of some RNAs (PubMed:31101919). {ECO:0000269 PubMed:28755312, ECO:0000269 PubMed:31101919}.
Molecular Weight:	39.1 kDa
UniProt:	<a href="#">Q8JZU0</a>

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## 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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## 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