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Datasheet for ABIN7550033

NUDT13 Protein (AA 1-352) (His tag)

Overview

Quantity:	1 mg
Target:	NUDT13
Protein Characteristics:	AA 1-352
Origin:	Human
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>MSLYCGIACR RKFFWCYRLL STYVTKTRYL FELKEDDDAC KKAQQTGAFY LFHSLAPLLQ TSAHQYLAPR HSLLELERLL GKFGQDAQRI EDSVLIGCSE QQEAWFALDL GLDSSFSISA SLHKPEMETE LKGSFIELRK ALFQLNARDA SLLSTAQALL RWHDAHQFCS RSGQPTKKNV AGSKRVCPSN NIIYYPQMAP VAITLVSDGT RCLLARQSSF PKGMYSALAG FCDIGESVEE TIRREVAEEV GLEVESLQYY ASQHWPFPSP SLMIACHATV KPGQTEIQVN LRELETAAWF SHDEVATALK RKGPLYTQQN GTFPFWLPPK LAISHQLIKE WVEKQTCSSL PA 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.</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

- 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)
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Grade:	custom-made
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Target Details

Target:	NUDT13
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Alternative Name:	NUDT13 (NUDT13 Products)
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Background:	NAD(P)H pyrophosphatase NUDT13, mitochondrial (EC 3.6.1.22) (Nucleoside diphosphate-linked moiety X motif 13) (Nudix motif 13) (Protein KiSS-16),FUNCTION: NAD(P)H pyrophosphatase that hydrolyzes NADH into NMNH and AMP, and NADPH into NMNH and 2',5'-ADP. Has a marked preference for the reduced pyridine nucleotides. Does not show activity toward NAD-capped RNAs, the NAD-cap is an atypical cap present at the 5'-end of some RNAs. {ECO:0000250 UniProtKB:Q8JZU0}.
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Molecular Weight:	39.7 kDa
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UniProt:	Q86X67
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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.
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Restrictions:	For Research Use only
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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