

Datasheet for ABIN7560601
NUDT8 Protein (AA 1-210) (His tag)



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Overview

Quantity:	1 mg
Target:	NUDT8
Protein Characteristics:	AA 1-210
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUDT8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nudt8 Protein expressed in mammalian cells.
Sequence:	MLPDGLSAED EQRCRQLLAR TTARLRSRPA AAVLVPLCL VRGVPALLYT LRSSRLVGRH KGEVSFPGGK CDPDDQDVIH TALRETQEEL GLEVPKEHVW GVLQPVDRE KATIVPVLAN VGPLDLQSLR PNLEEVDVF EMSLAHLLQT QNQGTYHFCQ GGHFSYTLPV FLHGPHRVWG LTAVITELTL KLLAPGFYQP SLAVPELPRG 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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	NUDT8
Alternative Name:	Nudt8 (NUDT8 Products)
Background:	Mitochondrial coenzyme A diphosphatase NUDT8 (EC 3.6.1.-) (Nucleoside diphosphate-linked moiety X motif 8) (Nudix motif 8),FUNCTION: Acyl-CoA diphosphatase that mediates the hydrolysis of a wide range of CoA and CoA esters yielding 3',5'-ADP and the corresponding 4'-phosphopantetheine derivative as products (PubMed:31004344). Hydrolyzes short- and medium-chain acyl-CoAs, exhibiting the highest activity toward free CoA, hexanoyl-CoA, and octanoyl-CoA and the lowest activity against acetyl-CoA (PubMed:31004344). Exhibits decapping activity towards dpCoA-capped RNAs in vitro (PubMed:32432673). {ECO:0000269 PubMed:31004344, ECO:0000269 PubMed:32432673}.
Molecular Weight:	23.3 kDa
UniProt:	Q9CR24

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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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