

Datasheet for ABIN7560478
NANP Protein (AA 1-248) (His tag)



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3 Images

Overview

Quantity:	1 mg
Target:	NANP
Protein Characteristics:	AA 1-248
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NANP protein is labelled with His tag.

Product Details

Purpose:	Made-to-order recombinant Nanp Protein expressed in mammalian cells.
Sequence:	<p>MGLSRVRAVF FDLNLTIDT AGASRRGMLE VIKLLQSKYH YKEEAEIICD KVQVKLSKEC</p> <p>FHPYSTCITD VRTSHWEEAI QETKGGADNR KLAEECYFLW KSTRLQHML ADDVKAMLTE</p> <p>LRKEVRLLLL TNGDRQTQRE KIEACACQSY FDAIVIGGEQ KEEKPAPSIF YHCCDLLGVQ</p> <p>PGDCVMVGDT LETDIQGG LN AGLKATVWIN KSGRVPLTSS PMPHYMVSSV LELPALLQSI</p> <p>DCKVSMSV 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:	<p>Key Benefits:</p> <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:	NANP
Alternative Name:	Nanp (NANP Products)
Background:	N-acylneuraminate-9-phosphatase (EC 3.1.3.29) (Haloacid dehalogenase-like hydrolase domain-containing protein 4) (Neu5Ac-9-Pase)
Molecular Weight:	27.8 kDa
UniProt:	Q9CPT3

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.
Restrictions:	For Research Use only

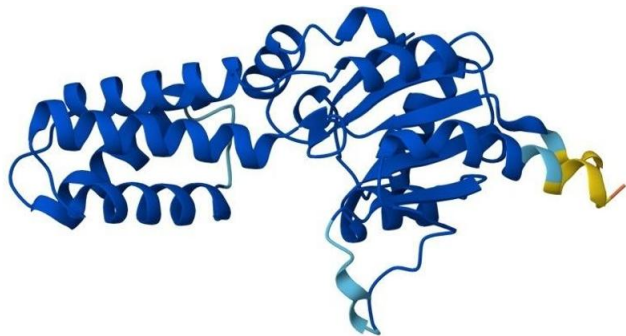
Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.

Handling

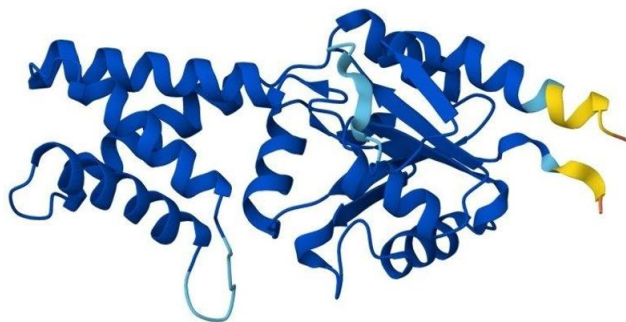
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



Protein Structure

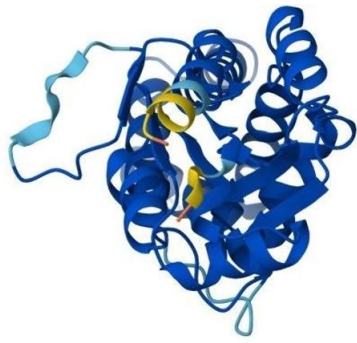
Image 1. AlphaFold protein structure prediction of Mouse Recombinant Nanp Protein, UniprotID Q9CPT3



Protein Structure

Image 2. AlphaFold protein structure prediction of Mouse Recombinant Nanp Protein, UniprotID Q9CPT3





Protein Structure

Image 3. AlphaFold protein structure prediction of Mouse Recombinant Nanp Protein, UniprotID Q9CPT3