

Datasheet for ABIN7558927
NAT14 Protein (AA 1-206) (His tag)



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Overview

Quantity:	1 mg
Target:	NAT14
Protein Characteristics:	AA 1-206
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAT14 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nat14 Protein expressed in mammalian cells.
Sequence:	MAPNHLSVRE MREDEKPLVL EMLKAGVKDT ENRVALHALT RPPALLLLAA ASSGLRFILA SFALALLLPV FLAVAAVKLG LRARWGSLPP PGGLGGPWVA VRGSGDVCGV LALAPGANVG DGARVTRLSV SRWHRRRGVG RLLAFAEAR ARAWAGSMGE PRARLVVPVA VAAWGVAGLL EACGYQAEGG WGCMGYMLVR EFSKDL 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:	NAT14
Alternative Name:	Nat14 (NAT14 Products)
Background:	Probable N-acetyltransferase 14 (EC 2.3.1.-),FUNCTION: Probable acetyltransferase that binds the 5'-GGACTACAG-3' sequence of coproporphyrinogen oxidase promoter. Able to activate transcription of a reporter construct in vitro (By similarity). {ECO:0000250},. FUNCTION: Probable acetyltransferase. {ECO:0000305},. FUNCTION: May act as a transcription factor regulating the expression of coproporphyrinogen oxidase by binding to a promoter regulatory element. {ECO:0000250 UniProtKB:Q8WUY8}.
Molecular Weight:	21.8 kDa
UniProt:	Q8BVG8
Pathways:	SARS-CoV-2 Protein Interactome

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