

Datasheet for ABIN7549633
NAT15 Protein (AA 1-242) (His tag)



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Overview

Quantity:	1 mg
Target:	NAT15
Protein Characteristics:	AA 1-242
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAT15 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NAA60 Protein expressed in mammalian cells.
Sequence:	MTEVVPSSAL SEVSLRLLCH DDIDTVKHLC GDWFPIEYPD SWYRDITSNK KFFSLAATYR GAIVGMIVAE IKNRTKIHKE DGDILASNFS VDTQVAYILS LGVVKEFRKH GIGSLLLESL KDHISTTAQD HCKAIYLHVL TTNNTAINFY ENRDFKQHHY LPYYYSIRGV LKDGFTYVLY INGGHPPWTI LDYIQHLGSA LASLSPCSIP HRVYRQAHSL LCSFLPWSGI SSKSGIEYSR TM 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:	NAT15
Alternative Name:	NAA60 (NAT15 Products)
Background:	<p>N-alpha-acetyltransferase 60 (hNaa60) (EC 2.3.1.259) (Histone acetyltransferase type B protein 4) (HAT4) (EC 2.3.1.48) (N-acetyltransferase 15) (N-alpha-acetyltransferase F) (NatF),FUNCTION: N-alpha-acetyltransferase that specifically mediates the acetylation of N-terminal residues of the transmembrane proteins, with a strong preference for N-termini facing the cytosol (PubMed:25732826). Displays N-terminal acetyltransferase activity towards a range of N-terminal sequences including those starting with Met-Lys, Met-Val, Met-Ala and Met-Met (PubMed:21750686, PubMed:25732826, PubMed:27550639, PubMed:27320834). Required for normal chromosomal segregation during anaphase (PubMed:21750686). May also show histone acetyltransferase activity, such results are however unclear in vivo and would require additional experimental evidences (PubMed:21981917). {ECO:0000269 PubMed:21750686, ECO:0000269 PubMed:25732826, ECO:0000269 PubMed:27320834, ECO:0000269 PubMed:27550639, ECO:0000305 PubMed:21981917}.</p>
Molecular Weight:	27.5 kDa
UniProt:	Q9H7X0

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 Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
