

# Recombinant Human NAT10 protein ab163025

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human NAT10 protein
<b>Expression system</b>	Wheat germ
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

### Sequence

MHRKKVDNRIRILIENGVAERQSRSLFVVVGDRGKDQVVILH  
HMLSKATVK  
ARPSVLWCYKKELGFSHRKKRMRQLQKKIKNGTLNIKQD  
DPFELFIAAT  
NIRYCYNETHKILGNTFGMCVLQDFEALTPNLLARTVETV  
EGGGLVVIL  
LRTMNSLKQLYVTMDVHSRYRTEAHQDVVGRFNERFILS  
LASCKKCLVI  
DDQLNILPISSHVATMEALPPQTPDESLGPSDLELRELKE  
SLQDTQPVGV  
LVDCCKTLDQAKAVLKFIEGISEKTLRSTVALTAARGRGKS  
AALGLAIAG  
AVAFGYSNIFVTSPSPDNLHTLFEFVFKGFDALQYQEHL  
YEIIQSLNPE  
FNKAVIRVNVFREHRQTIQYHPADAVKLGQAELVVIDEAA  
AIPLPLVKS  
LLGPYLVFMASINGYEGTGRSLSLKLIIQLRQQSAQSQVS  
TTAENKTTT  
TARLASARTLHEVSLQESIRYAPGDAVEKWLNDLLCLDCL  
NITRIVSGCP  
LPEACELYVNRDTLFCYHKASEVFLQRLMALVASHYKN  
SPNDLQMLSD  
APAHHLFCLLPVPPTQNALPEVLAVIQVCLEGEISRQSIL  
NSLSRGKKA  
SGDLIPWTVSEQFQDPDFGGLSGGRVRIAHPDYQGMG  
YGSRALQLLQM  
YIEGRFPCLEEKVLETPQEIHTVSSEAVSLLEEVITPRKDL  
PPLLLKLN  
RPAERLDYLGVSYGLTPRLLKFWKRAFVVPVYLRQTPNDL

TGEHSCIMLK  
TLTDEDEADQGGWLAAFWKDFRRRFLALLSYQFSTFSPS  
LALNIIQNRNM  
GKPAQPALSREELEALFLPYDLKRLEMYSRNMVDYHLIMD  
MIPAIRYF  
LNQLGDLALSAAQSALLLGIGLQHKSVQDQLEKEIELPSGQL  
MGLFNRIIR  
KVVKLFNEVQEKAIEEQMVAAKDVVMEPTMKTLSDDLDE  
AAKEFQEKKK  
EVGKLSMDLSEYIIRGDDEEWNEVLNKAGPNASISLKS  
KKRKLEAKQ EPKQSKKLNRETKNKKDMKLRKK

**Amino acids** 1 to 1025  
**Tags** GST tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab163025** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Western blot  
ELISA  
**Form** Liquid  
**Additional notes** This product was previously labelled as ALP.

### Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
pH: 8.00  
Constituents: 0.31% Glutathione, 0.79% Tris HCl

### General Info

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**Function** Has protein acetyltransferase activity in vitro. Can acetylate both histones and microtubules. Histone acetylation may regulate transcription and mitotic chromosome de-condensation. Activates telomerase activity by stimulating the transcription of TERT, and may also regulate telomerase function by affecting the balance of telomerase subunit assembly, disassembly, and localization. Acetylates alpha-tubulin, which may affect microtubule stability and cell division.

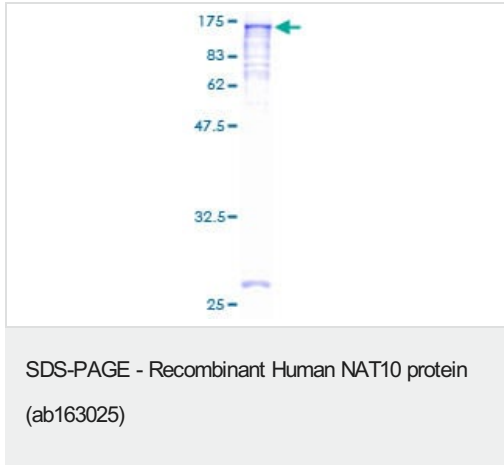
**Sequence similarities** Belongs to the UPF0202 family.  
Contains 1 N-acetyltransferase domain.

**Cellular localization** Nucleus > nucleolus. Nucleolar in interphase and redistributes to the perichromosomal layer and to the midbody during telophase.

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### Images

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ab163025 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
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- We investigate all quality concerns to ensure our products perform to the highest standards

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