

Product datasheet

Recombinant Human NUDT16 protein ab103059

1 Image

Description

Product name	Recombinant Human NUDT16 protein
Purity	> 95 % SDS-PAGE. ab103059 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q96DE0
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMAGARRLELGEALALGS GWRHACHALLYAP DPGMLFGRIPLRYAILMQMRFDGRLGFPGGFVDTQDRSLE DGLNRELREE LGEAAAAFRVERTDYRSSHVSGPRVVAHFYAKRLTLEE LLAVEAGATRA KDHGLEVLGLVRVPLYTLRDGVGGLPTFLENSFIGSAREQ LLEALQDLGL LQSGSISGLKIPAAH
Predicted molecular weight	23 kDa including tags
Amino acids	1 to 195
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab103059** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

RNA-decapping enzyme that binds specifically to U8 snoRNA. Part of the U8 snoRNP complex that is required for the accumulation of mature 5.8S and 28S rRNA. Has diphosphatase activity and removes m7G and m227G caps from U8 snoRNA. Has broad substrate specificity with manganese or cobalt as cofactor and can act on various RNA species (in vitro).

Sequence similarities

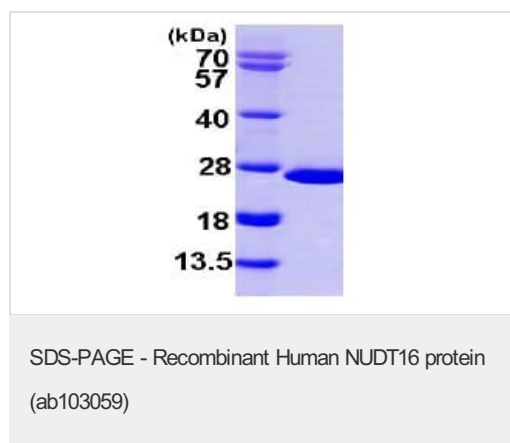
Belongs to the Nudix hydrolase family.

Contains 1 nudix hydrolase domain.

Cellular localization

Nucleus > nucleolus. Nucleus > nucleoplasm. Predominantly localized in nucleolus, and in a minor proportion in distinct foci in the nucleoplasm.

Images



15% SDS-PAGE (3 µg)

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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