

Product datasheet

Recombinant Human Nucleolin protein (His tag)  
ab241527

3 Images

Description

<b>Product name</b>	Recombinant Human Nucleolin protein (His tag)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Yeast
<b>Accession</b>	<a href="#">P19338</a>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<p>VKLAKAGKNQGDPKKMAPPPKEVEEDSEDEEMSEDEE            DDSSGEEVVIPQK            KGKKAAATSAKKVVVSPTKKVAVATPAKKA AVTPGKKAA            ATPAKKTVTPA            KAVTTPGKKGATPGKALVATPGKKGAAIPAKGAKNGKNA            KKEDSDEEEDD            DSEDEEDEDDEDEDEDEDEIEPAAMKAAAAAPASEDEDD            EDDEDEDDEDDDD            EEDDSEEEAMETTPAKGKKA AVVPVAKNVAEDEDEE            EDDEDEDDEDDDE            DDEDDDEDDEDEEEEEEEEEEPVKEAPGKRKEMAKQK            AAPEAKKQKVEGT            EPTTAFNLFVGNLNFNKSAPELKTGISDVFAKNDLAVVDV            RIGMTRKFGY            VDFESAEDLEKALELTGLKVF GNEIKLEKPKGKDSKKERD            ARTLLAKNLP            YKVTQDELKEVFEDAAEIRLVSKDGKSKGIAYIEFKTEADA            EKTFEEKQG            TEIDGRSISLYTGEKGNQDYRGGKNSTWS</p>
<b>Predicted molecular weight</b>	54 kDa including tags
<b>Amino acids</b>	2 to 482
<b>Tags</b>	His tag N-Terminus

**Additional sequence information** N-terminal 6xHis-tagged

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab241527** in the following tested applications.

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

<b>Applications</b>	Mass Spectrometry SDS-PAGE
<b>Mass spectrometry</b>	LC-MS/MS
<b>Form</b>	Liquid

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)
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## General Info

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<b>Function</b>	Nucleolin is the major nucleolar protein of growing eukaryotic cells. It is found associated with intranucleolar chromatin and pre-ribosomal particles. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly. May play a role in the process of transcriptional elongation. Binds RNA oligonucleotides with 5'-UUAGGG-3' repeats more tightly than the telomeric single-stranded DNA 5'-TTAGGG-3' repeats.
<b>Sequence similarities</b>	Contains 4 RRM (RNA recognition motif) domains.
<b>Post-translational modifications</b>	Some glutamate residues are glycylylated by TTL8. This modification occurs exclusively on glutamate residues and results in a glycine chain on the gamma-carboxyl group.
<b>Cellular localization</b>	Nucleus > nucleolus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

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## Images

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