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Datasheet for ABIN2727708

Nucleolin Protein (NCL) (Myc-DYKDDDDK Tag)

1 Image

3 Publications

Overview

| | |
|-------------------------------|---|
| Quantity: | 20 µg |
| Target: | Nucleolin (NCL) |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Nucleolin protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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| Characteristics: | <ul style="list-style-type: none">• Recombinant human Nucleolin protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
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| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
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Target Details

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| Target: | Nucleolin (NCL) |
|---------|-----------------|

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| Alternative Name: | Nucleolin (NCL Products) |
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| Background: | Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturation of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20. |
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| Molecular Weight: | 76.4 kDa |
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Target Details

NCBI Accession: [NP_005372](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

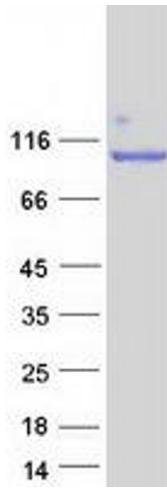
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Johanns, Lai, Hsu, Jacobs, Vertommen, Van Sande, Dumont, Woods, Carling, Hue, Viollet, Foretz, Rider: "AMPK antagonizes hepatic glucagon-stimulated cyclic AMP signalling via phosphorylation-induced activation of cyclic nucleotide phosphodiesterase 4B." in: **Nature communications**, Vol. 7, pp. 10856, (2016) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot