

Recombinant Human Nucleolin-GFP Protein, His-tagged

Cat. No. NCL-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Nucleolin-GFP Protein with His tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-710 aa
Conjugation/Label	GFP
Description	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.
AASequence	MVKLAKAGKNQGDPPKMAPPPKEVEEDSEDEEMSEDEEDDSSGEEVIPQKKGKK AAATSAKKVVVSPTKKVAVATPAKKAAPTGPAAATPAKKTVTPAKAVTTPGKKGA TPGKALVATPGKKGAIPAKGAKNGKNAKKEDSDEEEDDDSEDEEDDEDEDEDE DEIEPAAMKAAAAAPASEDEDEDEDEDEDEDDDDDEEDDSEEEAMETTPAKGKKAA KVVVPVKAKNVAEDEDEEEDDEDEDDDDDEDEDDDDDEDEDEEEEEEEEEEPVKEAP GKRRKEMAKQKAAPEAKKQKVEGTEPTTAFNLFVGNLNFNKSAPELKTGISDVFAK ND LAVVDVRIGMTRKFGYVDFESAEDLEKALELTGLKVFGNEIKLEKPKGKDSKKER DARTLLAKNLPYKVTQDELKEVFEDAAEIRLVSKDGKSKGIAYIEFKTEADA EKTFE EK QGTEIDGRSISLYYTGEKGQNQDYRGGKNSTWSGESKTLVLSNLSYSATEETLQEV

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FEKATFIKVPQNQNGKSKGYAFIEFASFEDAKEALNSCNKREIEGRAIRLELQGPRGS
 PNARSQPSKTLFVKGLSEDTTEETLKESFDGSVRARIVTDRETGSSKGFGFVDFNSE
 EDAKAAKEAMEDGEIDGNKVTLDWAKPKGEGGFGGRRGGGRGGFGGRGGGRGGR
 GGFGGRGRGGFGGRGGFRGGRGGGGDHKPQGGKTKFEGTGGGVSKGEELFTGV
 VPILVELDGDVNGHKFSVSGEGEGDATYGKLTCLKFICTTGKLPVPWPTLVTTLTGYV
 QCFSRYPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIE
 LKGIDFKEDGNILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHY
 QQNTPIGDGPVLLPDNHYLSTQSKLSKDPNEKRDHMLLEFVTAAGITLGMDELYKH
 HHHHHHHHHH

Molecular Mass 105 kDa

Purity >80% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4

Concentration 0.64 mg/mL by BCA

GENE INFORMATION

Gene ID 4691

Gene Name NCL nucleolin [Homo sapiens (human)]

Official Symbol 4691

Synonyms NCL; nucleolin; C23; Nsr1

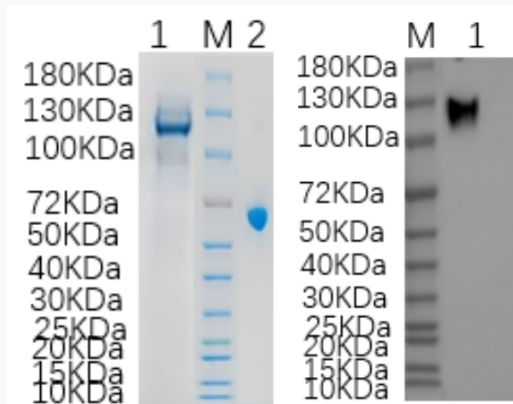
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mRNA Refseq	NM_005381
Official Symbol 2	NCL
Gene ID 2	4691
Gene Name 2	NCL nucleolin [Homo sapiens (human)]
mRNA Refseq 2	NM_005381
Protein Refseq 2	NP_005372
MIM 2	164035
UniProt ID 2	P19338

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified Nucleolin-GFP. 1. Nucleolin-GFP 2. BSA

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