

Recombinant Human NCL, His-tagged

Cat. No. NCL-27593TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 323-710 of Human Nucleolin with an N terminal His tag. Predicted MWt:43 kDa;
Species	Human
Source	E.coli
ProteinLength	323-710 a.a.
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.
Form	Lyophilised. 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5.
AA Sequence	LKTGISDVFAKNDLAVVDVTRIGMTRKFGYVDFESAEDLEKALELTGLKVFNGNEIKLEK PKGKDSKKERDA RTLLAKNLPYKVTQDELKEVFEDAAEIRLVSKDGKSKGIAYIEFKT EADAECTFEKQGTET DGRSISLYYTGEKQGNQDYRGGKN STW SGESKTLVLSNL SYSATEETLQEVFEKATFIKV PQ NQNGKSKGYAFIEFASFE DAKEALNSCNKREIE GRAIR LELQGPRGSPNARSQPSKT LFKVGLSEDTEET LKESFDGSRVRRIVTDRE TGSSKGFVDFNSEEDAKAAKEAMED G EIDGNKV TLDWAKPKGEGGFGRGG GRGGFGGRGGGR GGRGGFGGRGRGGFGGRGGFRGG RGGGDHKPQGKTK

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Applications	SDS-PAGE
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Reconstitution	Reconstitute with 105 µl aqua dest.
GENE INFORMATION	
Gene Name	NCL nucleolin [Homo sapiens (human)]
Official Symbol	NCL
Synonyms	NCL; C23; nucleolin
Gene ID	4691
mRNA Refseq	NM_005381
Protein Refseq	NP_005372
MIM	164035
UniProt ID	P19338
Chromosome Location	2q37.1
Pathway	Aurora B signaling; Pathogenic Escherichia coli infection; Regulation of Telomerase
Function	RNA binding; identical protein binding; protein C-terminus binding

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