

Recombinant Full Length Human NCL Protein, GST-tagged

Cat. No. NCL-664HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NCL(1 a.a. - 710 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	710 amino acids
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	103 kDa
AA Sequence	MVKLAKAGKN QGDPK KMAPP PKEVEEDSED EEMSEDEEDD SSGEEVVIQ KKGKAAATS AKKVVVSPTK KVAVATPAKK AAVTPGKAA ATPAKKTVTP AKAVTTPGKK GATPGKALVA TPGKKGAAIP AKGAKNGKNA KKEDSDEEED DDSEDEEDD EDEDEDEDEI EPAAMKAAAA APASEDEDDE DDEDEDDEDD DEEDDSEEEA METTPAKGKK AAKVVPVKAK NVAEDEDEEE DDEDEDDEDD EDEDEDDED DEEEEEEEEE EPVKEAPGKR KKEMAKQKAA PEAkkQKVEG

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TEPTTAFNLF VGNLNFNKSA PELKTGISDV FAKNDLAVVD VRIGMTRKFG
 YVDFESAEDL EKALELTGLK VFGNEIKLEK PKGKDSKKER DARTLLAKNL
 PYKVTQDELK EVFEDAAEIR LVSKDGKSKG IAYIEFKTEA DAEKTFEEKQ
 GTEIDGRSIS LYYTGEKGQN QDYRGGKNST WSGESKTLVL SNLSYSATEE
 TLQEVFEKAT FIKVPQNG QNG KSKGYAFIEF ASFEDAKEAL NSCNKREIEG
 RAIRLELQGP RGSPNARSQP SKTLFVKGLS EDTTEETLKE SFDGSRARI
 VTDRETGSSK GFGFVDFNSE EDAKAAKEAM EDGEIDGNKV TLDWAKPKGE
 GFGGRGGGR GFGGRGGGR GGRGGFGRG RGGFGRGGF
 RGGRGGGGDH KPQGKTKFE

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

NCL nucleolin [[Homo sapiens](#)]

Official Symbol

[NCL](#)

Synonyms

NCL; nucleolin; C23; FLJ45706; FLJ59041

Gene ID

[4691](#)

mRNA Refseq

[NM_005381](#)

Protein Refseq

[NP_005372](#)

MIM

[164035](#)

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