



# Recombinant Rat Nucleolin (Ncl)

<b>Product Code</b>	CSB-BP015535RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P13383
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	VKLAKAGKT HGESKKMAPP PKEVEEDSED EEMSEDEDDS SGEEEVVIPQ KKGKKATTP AKKVVSQTK KAAVPTPAKK AAVTPGKAA ATPAKKAVTP AKVVPTPGKK GAAQAKALVP TPGKKGAVTP AKGAKNGKNA KKEDSDEDED EEDEDDSDDED EDEEDEFEPV VVKGVKPAKA APAAPASEDE DEEDDDDED DDDDEEEEE DDSEEEVMEI TPAKGGKTPA KVVVPVAKSV AEEEEDEDED EDEEDEDDEE DEEDDEDEDE EEEEEPVKAA PGKRKEMTK QKEAPEAKKQ KIEGSEPTTP FNLFIGNLNP NKSVAELKVA ISELFKNL AAVDVRTGTN RKFGYVDFES AEDLEKALEL TGLKVFNEI KLEKPKGRDS KKVRAARTLL AKNLSFNITE DELKEVFEDA VEIRLVSQDG RSKGIAYIEF KSEADAENL EEKQGAIDG RSVSLYTTGE KGQRQERTGK NSTWSGESKT LVLSNLSYSA TEETLQEVFE KATFIKVPQN PHGKSKGYAF IEFASFEDAK EALNSCNKME IEGRTIRLEL QGPRGSPNAR SQPSKTLFVK GLSEDTTEET LKESFEGSVR ARIVTDRETG SSKGFGFVDF NSEEDAKAAK EAMEDGEIDG NKVTLDWAKP KGEGGFGRG GGRGGFGGRG GGRGGRGGFG GRGRGGFGGR GGFRGGRGGG GDFKPQGKKT KFE
<b>Source</b>	Baculovirus
<b>Target Names</b>	Ncl
<b>Protein Names</b>	Recommended name: Nucleolin Alternative name(s): Protein C23
<b>Expression Region</b>	2-713
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . The shelf life of lyophilized form is 12 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ .