



Recombinant Rat Nucleolin (Ncl)

Product Code	CSB-EP015535RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P13383
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	VKLAKAGKT HGESKKMAPP PKEVEEDSED EEMSEDED DS SGEEEVVIPQ KKGKKATTP AKKVVSQTK KAAVPTPAKK AAVTPGKAA ATPAKKAVTP AKVVPTPGKK GAAQAKALVP TPGKKGAVTP AKGAKNGKNA KKEDSDEDED EDEDDSDDED EDEEDEFEP VVKGVKPAKA APAAPASEDE DEEDDDDED DDDDEEEEE DDSEEEVMEI TPAKGGKTPA KVVVPKAKSV AEEEEDEDED EDEEDEDDEE DEEDDEDEDE EEEEEPVKAA PGKRKEMTK QKEAPEAKKQ KIEGSEPTTP FNLFIGLNP NKSVAELKVA ISELFKNL AAVDVRTGTN RKFGYVDFES AEDLEKALEL TGLKVFNEI KLEKPKGRDS KKVRAARTLL AKNLSFNITE DELKEVFEDA VEIRLVSQDG RSKGIAYIEF KSEADAENL EEKQGAEIDG RSVSLYTTGE KGQRQERTGK NSTWSGESKT LVLSNLSYSA TEETLQEVFE KATFIKVPQN PHGKSKGYAF IEFASFEDAK EALNSCNKME IEGRTIRLEL QGPRGSPNAR SQPSKTLFVK GLSEDTTEET LKESFEGSVR ARIVTDRETG SSKGFGFVDF NSEEDAKAAK EAMEDGEIDG NKVTLDWAKP KGEGGFGGRG GGRGGFGGRG GGRGGRGGFG GRGRGGFGGR GGFRGGRGGG GDFKPQGKKT KFE
Source	E.coli
Target Names	Ncl
Protein Names	Recommended name: Nucleolin Alternative name(s): Protein C23
Expression Region	2-713
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.