



Recombinant Rat Nuclear pore complex protein Nup88 (Nup88)

Product Code	CSB-MP016207RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08658
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAAAAGPVGD GELWQSWLPN HVVFLRLREG LKNQSPAED KPATSTSPSC PPLPPHLPTR NLVFGGEL FLWDAEGSAF LVVRLRGPSG GSVEPPLSQY QRLLCINPPL FEIHQVLLSP TQHHVALIGT KGLMALELPQ RWGKDSEFEG GKATVNCSTI PIAERFFTSS TSLTLKHAAW YPSEMLDPHI VLLTSDNVIR IYSLREPQTP TKVIVLSEAE EESLILNKGR AYTASLGETA VAFDFGPLVT VSKNMFQEKD REAVAYPLYI LYENGETFLT YVSLHSPGN IGKLLGPLPM HPAAEDNYGY DACAILCLPC VPNILVIATE SGMLYHCVVL EGEEDDDQTL EKSWDPRADL IPSLYVFECV ELELALKLAS AEDDPFASDF SCPIKLHRDP KCPSRYHCSH EAGVHSVGLT WIHKLHKFLG SDEEDKDSLQ ELTAEQKCFV EHILCTKPLP CRQPAPIRGF WIVPDILGPT MICITSTYEC LIRPLLSTVH PASPPLLCTR EDAGVAESPL RILAEAPDSF EKHIKRILQR SAANPALLKS SEKDLAPPE ECLQLISRAT QVFREQYILK QDLAKEEIQR RVKLLCDQKR KQLEDLNYCR EERKSLREMA ERLADKYEEA KEKQEDIMNR MKKVLHSFHT QLPVLSDSER DMKKELQLIP DQLRHLGNAI KQVTMKKDYQ QRKMEKVLSP QKPTITLSAY QRKCIQSILK EEGEHIREMV KQINDIRNHV NF</p>
Source	Mammalian cell
Target Names	Nup88
Protein Names	Recommended name: Nuclear pore complex protein Nup88 Alternative name(s): 88 kDa nucleoporin Nucleoporin Nup84 Nucleoporin Nup88
Expression Region	1-742
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 protein
Target Details	The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins, a family of 50 to 100 proteins, are the main components of the nuclear pore complex in eukaryotic cells. This protein belongs to the nucleoporin family and is associated with the oncogenic nucleoporin CAN/Nup214 in a dynamic subcomplex. This protein is also overexpressed in a large number of malignant neoplasms and



precancerous dysplasias.

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.