



Recombinant Ribonuclease G (rng)

Product Code	CSB-EP364340EOD
Storage	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.
Uniprot No.	P0A9J2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	TAELLVNVT PSETRVAYID GGILQEIHIE REARRGIVGN IYKGRVSRVL PGMQAAFVDI GLDKAAFLHA SDIMPHTECV AGEEQKQFTV RDISELVRQG QDLMVQVVKD PLGTKGARLT TDITLPSRYL VFMPGASHVG VSQRIESESE RERLKKVVAE YCDEQGGFII RTAAEGVGEA ELASDAAYLK RVWTKVMERK KRPQTRYQLY GELALAQRVL RDFADAELDR IRVDSRLTYE ALLEFTSEYI PEMTSKLEHY TGRQPIFDLF DVENEIQRAL ERKVELKSGG YLIIDQTEAM TTVDINTGAF VGHRNLDDTI FNTNIEATQA IARQLRLRNL GGIIIDFID MNNEDHRRRV LHSLEQALS KDRVKTSVNGF SALGLVEMTR KRTRESIEHV LCNECPTCHG RGTVKTIVETV CYEIMREIVR VHHAYDSDRF LUYASPAVAE ALKGEESHSL AVEVEIFVGKQ VKVQIEPLYN QEQFDVMM
Source	E.coli
Target Names	rng
Protein Names	Recommended name: Ribonuclease G Short name= RNase G EC= 3.1.26.- Alternative name(s): Cytoplasmic axial filament protein
Expression Region	2-489
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
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.