



Recombinant *Bacillus clausii* Ribonuclease PH (rph)

Product Code	CSB-EP736235BAAC
Abbreviation	rph
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.	Q5WEM3
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MRQDGRKQNNQ LREVEIIPHF TKHAEGSVLI SVGDTKVICT ASIENRVPPF LRGQNKGWLA AEYSMLPRAT GQRTIREAAK GKLSGRTMEI QRLIGRALRA VVDLEKLGEK TIWIDCDVIQ ADGGTRTASI TGAYVALVLA VQKAF AEKTI SAWPITDFLA AISVGILPEE GAVCDLCYSE DSQAKVDMNI VQTGSGDFVE VQGSGEAVY TRSELNELLD LAAEGIDQLI HIQRPFLGEA ASWIEEKKGT
Source	<i>E. coli</i>
Target Names	rph
Protein Names	Recommended name: Ribonuclease PH Short name= RNase PH EC= 2.7.7.56 Alternative name(s): tRNA nucleotidyltransferase
Expression Region	1-250
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
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.