



Recombinant Pongo abelii RNA 3'-terminal phosphate cyclase (RTCD1)

Product Code	CSB-MP725314PYX
Abbreviation	RTCD1
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.	Q5R7P3
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	MAGPRVEVDG SIMEGGGQIL RVSTALSCLL GLPLRVQKIR AGRSTPGLRP QHLSGLEMIR DLCDGQLEGA EIGSTEITFT PEKIKGGIHT ADTKTAGSVC LLMQVSMPCV LFAASPSKLH LKGGTNAEMA PQIDYTMVF KPIVEKFGFV FNCDIKTRGY YPKGGEVIV RMSPVKQLDP VNLTDRGCVT KIYGRAFTVG VLPFKVAKDM AAAAARCIRK EIRDSYVNIQ PVQEPKDQAF GNGNGIIIA ETSTGCLFAG SSLGKRGVNA DKVGIGAAEM LLANLRHGGT VDEYLQDQLI VFMALANGVS RIKTG PVT LH TQTAIHFAEQ IAKAKFIVKK SEDEEDAAKG TYIIECQGIG MTNP NL
Source	Mammalian cell
Target Names	RTCA
Protein Names	Recommended name: RNA 3'-terminal phosphate cyclase Short name= RNA cyclase Short name= RNA-3'-phosphate cyclase EC= 6.5.1.4 Alternative name(s): RNA terminal phosphate cyclase domain-containing protein 1
Expression Region	1-366
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.