



Recombinant Pongo abelii cAMP-dependent protein kinase type I-alpha regulatory subunit (PRKAR1A)

Product Code	CSB-EP716222PYX-B
Abbreviation	PRKAR1A
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.	Q5REL1
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	>85% (SDS-PAGE)
Sequence	MESGSTAASE EARSLRECEL YVQKHNIQAL LKDSIVQLCT ARPERPMAFL REYFERLEKE EAKQIQNLQK AGTRTDSRED EISPPPPNPV VKGRRRRGAI SAEVYTEEDA ASYVRKVIK DYKTMAALAK AIEKNVLFSSH LDDNERSDIF DAMFSVSFIA GETVIQQGDE GDNFYVIDQG ETDVYVNEW ATSVGEGGSF GELALIYGTP RAATVKAKTN VKLWGIDRDS YRRILMGSTL RKRKMYEEFL SKVSILES LD KWERLTVADA LEPVQFEDGQ KIVVQGE PGD EFFIILEGSA AVLQRRSENE EFVEVGRLGP SDYFGEIALL MNRPRAATVV ARGPLKCVKL DRPRFERVLG PCSDILKRNI QQYNSFVSLV V
Source	E.coli
Target Names	PRKAR1A
Protein Names	Recommended name: cAMP-dependent protein kinase type I-alpha regulatory subunit
Expression Region	1-381
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.