



Recombinant Rat Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (Ppp3ca)

Product Code	CSB-EP018572RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P63329
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	SEPKAIDPK LSTTDRVVKA VPFPPSHRLT AKEVFDNDGK PRVDILKAHL MKEGRLEESV ALRIITEGAS ILRQEKNLLD IDAPVTVCGD IHGQFFDLMK LFEVGGSPAN TRYLFLGDYV DRGYFSIECV LYLWALKILY PKTLFLLRGN HECRHLTEYF TFKQECKIKY SERVYDACMD AFDCLPLAAL MNQQFLCVHG GLSPEINTLD DIRKLDRFKE PPAYGPMCDI LWSDPLEDFG NEKTQEHFTH NTVRGCSYFY SYPAVCDFLQ HNNLLSILRA HEAQDAGYRM YRKSQTTGFP SLITIFSAPN YLDVYNNKAA VLKYENNVMN IRQFNCSPHP YWLPNFMDFV TWSLPFVGEK VTEMLVNVLN ICSDDELGSE EDGFDGATAA ARKEVIRNKI RAIGKMARVF SVLREESESV LTLKGLTPG MLPSGVLSSG KQTLQSATVE AIEADEAIKG FSPQHKITSF EEAKGLDRIN ERMPPRRDAM PSDANLNSIN KALASETNGT DSNNGSNSSNI Q
Source	E.coli
Target Names	Ppp3ca
Protein Names	Recommended name: Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform EC= 3.1.3.16 Alternative name(s): CAM-PRP catalytic subunit Calmodulin-dependent calcineurin A subunit alpha isoform
Expression Region	2-521
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.