



Recombinant *Cricetulus griseus* cAMP-dependent protein kinase catalytic subunit beta (PRKACB)

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| Product Code | CSB-EP018689DXU-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P68180 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Cricetulus griseus</i> (Chinese hamster) (<i>Cricetulus barabensis griseus</i>) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | GNTAIAKKG SEVESVKEFL AKAKEDFLRK WENPPPSNAG LEDFERKCTL GTGSFGRVML VKHKATEQYY AMKILDKQKV VKLKQIEHTL NEKRILQAVE FPFLVRLEYS FKDNSNLYMV MEYVPGGEMF SHLRRIGRFS EPHARFYAAQ IVLTFEYLHS LDLIYRDLKP ENLLIDHQGY IQVDFGFAK RVKGRWTLC GTPEYLAPEI ILSKGYNKAV DWWALGVLIY EMAAGYPPFF ADQPIQIYEK IVSGKVRFPS HFSSDLKDLL RNLLQVDLTK RFGNLKNGVS DIKTHKWFAT TDWIAIYQRK VEAPFIPKFR GSGDTSNFDD YEEEEIRVSI TEKCGKEFCE F |
| Source | E.coli |
| Target Names | PRKACB |
| Protein Names | Recommended name: cAMP-dependent protein kinase catalytic subunit beta Short name= PKA C-beta EC= 2.7.11.11 |
| Expression Region | 2-351 |
| 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. |