Recombinant Human cAMP-dependent protein kinase catalytic subunit gamma (PRKACG)

Product Code	CSB-BP018690HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P22612
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GNAPAKKDT EQEESVNEFL AKARGDFLYR WGNPAQNTAS SDQFERLRTL GMGSFGRVML VRHQETGGHY AMKILNKQKV VKMKQVEHIL NEKRILQAID FPFLVKLQFS FKDNSYLYLV MEYVPGGEMF SRLQRVGRFS EPHACFYAAQ VVLAVQYLHS LDLIHRDLKP ENLLIDQQGY LQVTDFGFAK RVKGRTWTLC GTPEYLAPEI ILSKGYNKAV DWWALGVLIY EMAVGFPPFY ADQPIQIYEK IVSGRVRFPS KLSSDLKHLL RSLLQVDLTK RFGNLRNGVG DIKNHKWFAT TSWIAIYEKK VEAPFIPKYT GPGDASNFDD YEEEELRISI NEKCAKEFSE F
Source	Baculovirus
Target Names	PRKACG
Protein Names	Recommended name: cAMP-dependent protein kinase catalytic subunit gamma Short name= PKA C-gamma 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
Target Details	Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit.
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.