



Recombinant Human Serine/threonine-protein kinase PRKY (PRKY)

Product Code	CSB-MP018723HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43930
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MEAPGPAQAA AAESNSREVT EDAADWAPAL CPSPEARSPE APAYRLQDCD ALVTMGTGTF GRVHLVKEKT AKHFFALKVM SIPDVIRRKQ EQHVHNEKSV LKEVSHPFLL RLFWTWHEER FLYMLMEYVP GGELFSYLRN RGHFSSTTGL FYSAEIIICAI EYLHSKEIVY RDLKPENILL DRDGHKLTLD FGFACKLVDR TWTLCGTPEY LAPEVIQSKG HGRAVDWWAL GILIFEMLSG FPPFFDDNPF GIYQKILAGK LYFPRHLDFH VKTGRMM
Source	Mammalian cell
Target Names	PRKY
Protein Names	Recommended name: Serine/threonine-protein kinase PRKY EC= 2.7.11.1
Expression Region	1-277
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
Target Details	This gene is similar to the protein kinase, X-linked gene in the pseudoautosomal region of the X chromosome. The gene is classified as a transcribed pseudogene because it has lost a coding exon that results in all transcripts being candidates for nonsense-mediated decay (NMD) and unlikely to express a protein. Abnormal recombination between this gene and a related gene on chromosome X is a frequent cause of XX males and XY females.
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.