



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

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| Product Code | CSB-EP018723HU |
| 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 FYSAEIICAI EYLHSKEIVY RDLKPENILL DRDGHKLTLD FGF AKKLVD R TWTLCGTPEY LAPEVIQSKG HGRAVDWWAL GILIFEMLSG FPPFFDDNPF GIYQKILAGK LYFPRHLDFH VKTGRMM |
| Source | E.coli |
| 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. |