



Recombinant Rat Cyclin-G1 (Ccng1)

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| Product Code | CSB-BP004820RA |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P39950 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MIEVLTTDSQ KLLHQLNTLL EQESRCQPKV CGLKLIESAH DNGLRMTARL RDFEVKDLLS LTQFFGFDTE TFSLAVNLLD RFLSKMKVQA KHLGCVGLSC FYLAVKSIEE ERNVPLATDL IRISQYRFTV SDLMRMEKIV LEKVCWKVKA TTAFQFLQLY YSLIRETLPF ERRNDLNFER LEAQLKACHC RIIFSKAKPS VLALAIIALE IQALKYVELT EGVECIQKHS KISGRDLTFW QELVSKCLTE YSSNKCSKPN GQCLKWIVSG RTARQLKHSY YRITHLPTIP ETMG |
| Source | Baculovirus |
| Target Names | Ccng1 |
| Protein Names | Recommended name: Cyclin-G1 Short name= Cyclin-G |
| Expression Region | 1-294 |
| 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 | The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. This protein is a member of the cyclin family and contains the cyclin box. The encoded protein lacks the protein destabilizing (PEST) sequence that is present in other family members. Transcriptional activation of this gene can be induced by tumor protein p53. Two transcript variants encoding the same protein have been identified for this gene. |
| 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. |