

Product Datasheet

Mouse Prkg1 Protein (orb1477429)

Description

Recombinant Mouse cGMP-dependent protein kinase 1(Prkg1)

Endotoxins

Not test.

Preservatives

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Form/Appearance

Liquid or Lyophilized powder

Storage

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.

Tag

N-terminal 10xHis-tagged and C-terminal Myc-tagged

Note

For research use only

Application notes

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.

Protein Sequence

SELEEDFAKILMLKEERIKELEKRLSEKEEEIQELKRKLHKCQSVLPVPSTHIGPRRT
RAQGISAEPQTYRSFHDLRQAFRKFTKSERSKDLIKEAILDNDFMKNLELSQIQEI
VDCMPVEYGGKDSIIKEGVDGSLVYVMEDGKVEVTKEGVKLCTMGPGKVFGE
AILYNCTRTATVKTLLVNVKLWAIQRQCFQTIMMRTGLIKHTEYMEFLKSVPTFQSL
PDEILSKLADVLEETHYENGEYIIRQARGDTFFIISKQGVNVTREDSPSEDPVFLR
TLGKGDWFGKALQGEDVRTANVIAAEAVTCLVIDRDSFKHLIGGLDDVSNKAY
EDAEAKAKYEAFAFFANLKLSDFNIIIDTLGVGGFGRVELVQLKSEESKTFAMKIL
KKRHIVDTRQQEHIRSEKQIMQGAHSDFIVRLYRTFKDSKYLMLMEACLGGEL
WTILRDRGSFEDSTTRFYTACVVEAFAYLHSGIYRDLKPENLIDHRGYAKLVD
FGFAKKIGFGKKTWTFCTPEYVAPEIILNKGHDISADYWSLGILMYELLTGSPF
GPDPMKTYNIIIRGIDMIEFPKKIAKNAANLIKLCRDNPSERLGNLKNVVKDIQKH
KWFEGFNWEGLRKGTLTPPIPSVASPTDTSNFDSPEDSDEPPDDNSGWDIDF

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

83.7 kDa

Uniprot ID
P0C605
Expiration Date

6 months from date of receipt.