

Product Datasheet

E. coli ppk protein (orb604743)

Description

Recombinant Escherichia coli Polyphosphate kinase(ppk)

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

Full Length of Mature Protein

Protein Sequence

GQEKLYIEKELSWLSFNERVLQEAADKSNPLIERMFLGIYSNNLDEFYKVRFAEL
KRRIISEEQGSNSHSRHLGKIQRVLKADQEFDGLYNELLEMARNQIFLINERQ
LSVNQQNWLRHYFKQYLRQHITPILINPDTDLVQFLKDDYTYLAVEIIRGDTIRYAL
LEIPSDKVPRFVNLPPEAPRRRKPMILLDNILRYCLDDIFKGFFDYDALNAYSMKM
TRDAEYDLVHEMEASLMELMSSSLKQRLTAEPVRFVYQRDMPNALVEVLREKLT
SRYDSIVPGGRYHNFKDFINFNVGKANLVNKPLRLRHIWFDKAQFRNGFDAIR
ERDVLLYPYHTFEHVLELLRQASFDPSVLAIKINIYRVAKDSRIIDSMIAAHNGK
KVTVVVELQARFDEEANIHWAKRLTEAGVHVIFSAPGLKIHAKLFLISRKENG
EVVRYAHIGTGNFNEKTARLYTDYSLTADARITNEVRRVFNFNIENPYRPVTFDYL
MVS PQNSRRLLYEMVDREIANAQQGLPSGITLKLNNLVDKGLVDRLYAASSSGVP
VNL LVRGMCSLIPNLEGISDNIRASIVDRYLEHDRVYIFENGDKKVVYLSSADW
MTRN IDYRIEVATPLLDPRLKQRVLDIIDILFSDTVKARYIDKELSNRYVPRGNRRK
VRAQ LAIYDIKSLEQPE

Purity

Greater than 85% as determined by SDS-PAGE.

Source

E.coli

MW

87.7 kDa

Uniprot ID
P0A7B1
Expiration Date

6 months from date of receipt.