

## Product Datasheet

### E. coli ppk protein (orb604742)

**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 6xHis-tagged

**Note**

For research use only

**Application notes**

Full Length of Mature Protein

**Protein Sequence**

GQEKLYIEKELSWLSFNERVLQEAADKSNPLIERMFLGIYSNNLDEFYKVRFAEL  
KRRIISEEQGSNSHSRHLGKIQRVLKADQEFDGLYNELLEMARNQIFLINERQ  
LSVNQQNWLRHYFKQYLRQHITPILINPDTDLVQFLKDDYTYLAVEIIRGDTIRYAL  
LEIPSDKVPRFVNLPPEAPRRRKPMILLDNILRYCLDDIFKGFFDYDALNAYSMKM  
TRDAEYDLVHEMEASLMELMSSSLKQRLTAEPVRFVYQRDMPNALVEVLREKLT  
SRYDSIVPGGRYHNFKDFINFNVGKANLVNKPLRLRHIWFDKAQFRNGFDAIR  
ERDVLLYPYHTFEHVLELLRQASFDPSVLAIKINIYRVAKDSRIIDSMIAAHNGK  
KVTVVVELQARFDEEANIHWAKRLTEAGVHVIFSAPGLKIHAKLFLISRKENG  
EVVRYAHIGTGNFNEKTARLYTDYSLLTADARITNEVRRVFNFNIENPYRPVTFDYL  
MVS PQNSRRLLYEMVDREIANAQQGLPSGITLKLNNLVDKGLVDRLYAASSSGVPV  
NLLVRGMCSLIPNLEGISDNIRASIVDRYLEHDRVYIFENGDKKVVYLSSADWMTRN  
IDYRIEVATPLLDPRLKQRVLDIIDILFSDTVKARYIDKELSNRYVPRGNRRKVRAQ  
LAIYDIKSLEQPE

**Purity**

Greater than 85% as determined by SDS-PAGE.

**Source**

E.coli

**MW**

84.4 kDa

**Uniprot ID**
**P0A7B1**
**Expiration Date**

6 months from date of receipt.