

Polyphosphate Kinase (ppk) Recombinant Protein | ppk recombinant protein

Recombinant Escherichia Coli Polyphosphate Kinase (ppk)

CATALOG #
AAA243738

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Polyphosphate Kinase (ppk); Recombinant Escherichia Coli Polyphosphate Kinase (ppk); Polyphosphate kinase EC: 2.7.4.1; ATP-polyphosphate phosphotransferase
Polyphosphoric acid kinase; ppk recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Liquid or Lyophilized powder 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
Sequence Positions	2-688aa; Full Length of Mature Protein
Sequence	GQEKLYIEKE LSWLSFNERV LQEADKSNP LIERMFLGI YSNNLDEFYK VRFAELKRRI IISEEQGSNS HSRHLLGKIQ SRVLKADQEF DGLYNELLE MARNQIFLIN ERQLSVNQQN WLRHYFKQYL RQHITPILIN PDTDLVQFLK DDYTYLAVEI IRGDTIRYAL LEIPSDKVPR FVNLPPPEAPR RRPKMILLDN ILRYCLDDIF KGFFDYDALN AYSMKMTRDA EYDLVHEMEA SLMELMSSSL KQRLTAEPVR FVYQRDMPNA LVEVLREKLT ISRYDSIVPG GRYHNFKDFI NFPNVGKANL VNKPLPRLRH IWFDKAQFRN GFDAIRERDV LLYPPYHTFE HVLELLRQAS FDPSVLAIKI NIYRVAKDSR IIDSMIHAH NGKKVTVVVE LQARFDEEAN IHWAKRLTEA GVHVIFSAPG LKIHAKLFLI SRKENGEVVR YAHIGTGNNF EKTARLYTDY SLLTADARIT NEVRRVFNFI ENPYRPVTFD YLMVSPQNSR RLLYEMVDRE IANAQQGLPS GITLKLNNLV DKGLVDRLYA ASSSGVPVNL LVRGMCSLIP NLEGISDNIR AISIVDRYLE HDRVYIFENG GDKKVYLSSA DWMTRNIDYR IEVATPLLD RLKQRVLDII DILFSDTVKA RYIDKELSNR YVPRGNRRKV RAQLAIYDYI KSLEQPE
Species	Escherichia coli (strain K12)
Tag	The tag type will be determined during production process.
Protein Length	687
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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16130426
NCBI GeneID	946971
NCBI Accession #	NP_416996.1
NCBI GenBank Nucleotide #	NP_416996.1
UniProt Accession #	P0A7B1; AYG18485
NCBI Official Full Name	polyphosphate kinase

NCBI Official Symbol	ppk
NCBI Official Synonym Symbols	ECK2497
NCBI Protein Information	polyphosphate kinase
UniProt Protein Name	Polyphosphate kinase
UniProt Gene Name	ppk

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ppk-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/243738>