

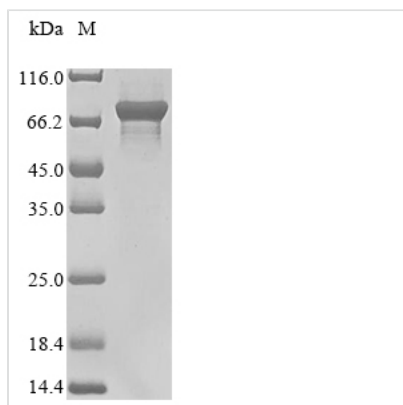


Recombinant Escherichia coli Polyphosphate kinase (ppk)

Product Code	CSB-EP358948ENVb1
Abbreviation	Recombinant E.coli ppk protein
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.
Uniprot No.	P0A7B1
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli (strain K12)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GQEKLYIEKELSWLSFNERNVLQEAAADKSNPLIERMRFLGIYSNNLDEFYKVRFA ELKRRIIIEEQGSNSHSRHLGKIQSRVLKADQEFDGLYNELLEMARNQIFLIN ERQLSVNQNWLRHYFKQYLRQHITPILINPDTDLVQFLKDDYTYLAVEIIRGDT IRYALLEIPSDKVPRFVNLPPEAPRRRKPMILLDNILRYCLDDIFKGFDDYDALNA YSMKMTRDAEYDLVHEMEASLMELMSSSLKQRLTAEPVRFVYQRDMPNALVE VLREKLTISRYDSIVPGGRYHNFKDFINFPNVGKANLVNKLPLRLRHIWFDKAQ FRNGFDAIRERDVLLYYPYHTFEHVLELLRQASFDPSVLAIKINIYRVAKDSRIID SMIHAAHNGKKVTVVVELQARFDEEANIHWAKRLTEAGVHVIFSAAPGLKIHAKL FLISRKENGEVVRYAHIGTGTFNEKTARLYTDYSLLTADARITNEVRRVFNFIEN PYRPVTFDYLMSVSPQNSRLLYEMVDREIANAQQGLPSGITLKLNNLVKGLV DRLYAASSSGVPVNLVVRGMCSLIPNLEGISDNIRAISIVDRYLEHDRVYIFENG GDKKVYLSSADWMTRNIDYRIEVATPLLDPRLKQRVLDIIDILFSDTVKARYIDKE LSNRYVPRGNRRKVRAQLAIYDYIKSLEQPE
Research Area	Cell Biology
Source	E.coli
Target Names	ppk
Protein Names	Recommended name: Polyphosphate kinase EC= 2.7.4.1Alternative name(s): ATP-polyphosphate phosphotransferase Polyphosphoric acid kinase
Expression Region	2-688aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	87.7 kDa
Protein Length	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.