

Exopolyphosphatase (ppx) Recombinant Protein | ppx recombinant protein

Recombinant Escherichia coli Exopolyphosphatase (ppx)

CATALOG # AAA18690	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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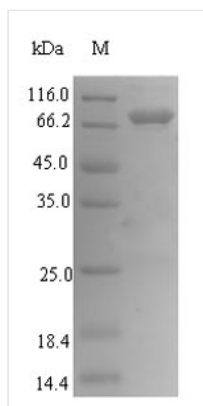
PRODUCT SYNONYMS

Exopolyphosphatase (ppx); Recombinant Escherichia coli Exopolyphosphatase (ppx); Metaphosphatase; ppx recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-513aa; Full Length of Mature Protein
Sequence	PIHDKSPRPQ EFAAVDLGSN SFHMVIARVV DGAMQIIGRL KQRVHLADGL GPDNMLSEEA MTRGLNCLSL FAERLQGFSP ASVCIVGTHT LRQALNATDF LKRAEKVIPY PIEISGNEE ARLIFMGVEH TQPEKGRKLV IDIGGGSTEL VIGENFEPIL VESRRMGCVS FAQLYFPGGV INKENFQRAR MAAAQKLETL TWQFRIQGWN VAMGASGTIK AAHEVLMEMG EKDGIITPER LEKLVKEVLR HRNFASLSLP GLSEERKTVF VPGLAILCGV FDALAIREL R LSDGALREGV LYEMEGFRFRH QDVRSTASS LANQYHIDSE QARRVLDTTM QMYEQWREQQ PKLAHPQLEA LLRWAAMLHE VGLNINHSG L HRHSAYILQN SDLPGFNQQE QLMMATLVRY HRKAIKDDDL PRFTLFKKKQ FLPLIQLRL GVLLNNQRQA TTPPTLT LI TDDSHWTLRF PHDWFSQNAL VLLDLEKEQE YWEGVAGWRL KIEEESTPEI AA
Species	Escherichia coli (strain K12)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ppx recombinant protein	Degradation of inorganic polyphosphates. Orthophosphate is released progressively from the ends of polyphosphate of circa 500 residues long, while chains of circa 15 residues compete poorly with polyphosphate as substrate.
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Product Categories/Family for ppx recombinant protein	Microbiology
References	"An exopolyphosphatase of Escherichia coli. The enzyme and its ppx gene in a polyphosphate operon." Akiyama M., Crooke E., Kornberg A. J. Biol. Chem. 268:633-639(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16130427
NCBI GeneID	946970
NCBI Accession #	NP_416997.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AFL6; P29014; P76981
Molecular Weight	74.0 kDa
NCBI Official Full Name	exopolyphosphatase
NCBI Official Symbol	ppx
NCBI Official Synonym Symbols	ECK2498; JW2487
NCBI Protein Information	exopolyphosphatase
UniProt Protein Name	Exopolyphosphatase
UniProt Gene Name	ppx
UniProt Synonym Gene Names	ExopolyPase
UniProt Entry Name	PPX_ECOLI

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://www.aaabiotech.com/ppx-recombinant-protein-e-coli/18690>