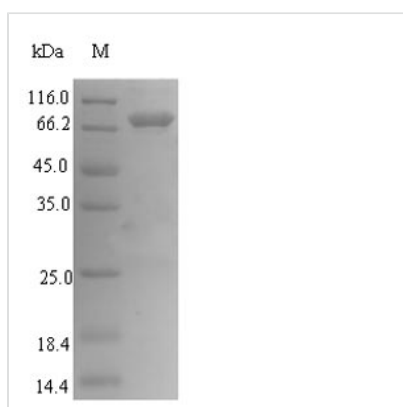




Recombinant Escherichia coli Exopolyphosphatase(ppx)

Product Code	CSB-EP365319ENV
Relevance	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.
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.	P0AFL6
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Metaphosphatase
Product Type	Recombinant Protein
Species	Escherichia coli (strain K12)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	PIHDKSPRPQEFAAVDLGSNSFHMVIARVVDGAMQIIGRLKQRVHLADGLGPD NMLSEEAMTRGLNCLSLFAERLQGFSPASVCIVGTHTLRQALNATDFLKRAEK VIPYPIEIISGNEEARLIFMGVEHTQPEKGRKLVIDIGGGSTELVIGENFEPILVES RRMGCVSFAQLYFPGGVINKENFQRARMAAAQKLETLTWQFRIQGWNVAMG ASGTIKAAHEVLMMEMGEKDGITPERLEKLVKEVLRHRNFASLSLPGLESEERKT VFVPGGLAILCGVFDALAIRELRLSDGALREGVLYEMEGFRFRHQDVRSRTASSL ANQYHIDSEQARRVLDTTMQMYEQWREQQPKLAHPQLEALLRWAAMLHEVG LNINHSGLHRHSAYILQNSDLPGFNQEQQLMMATLVRYHRKAIKLDDLPRFTLF KKKQFLPLIQLLRLGVLLNNQRQATTTPTLTTLITDDSHWTLRFPHDWFSQNAL VLLDLEKEQEYWEGVAGWRLKIEEESTPEIAA
Lead Time	3-7 business days
Research Area	Microbiology
Source	E.coli
Gene Names	ppx
Expression Region	2-513aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	74.0kDa
Protein Description	Full Length of Mature Protein
Image	



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