



Recombinant Escherichia coli O6:H1 Exopolyphosphatase (ppx)

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| Product Code | CSB-EP360285EGX |
| 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 |
| Abbreviation | Recombinant E.coli O6:H1 ppx 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. | P0AFL7 |
| Alias | Metaphosphatase |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | PIHDKSPRPQEFAAVDLGSNSFHMVIARVVDGAMQIIGRLKQRVHLADGLGPD NMLSEEAMTRGLNCLSLFAERLQGFSPASVCIVGTHTLRQALNATDFLKRAEK VIPYPIEIIISGNEEARLIFMGVEHTQPEKGRKLVIDIGGGSTELVIGENFEPILVES RRMGCVSFAQLYFPGGVINKENFQRARMAAAQKLETLTWQFRIQGWNVAMG ASGTIKAAHEVLMEMGEKDGITPERLEKLVKEVLRHRNFASLSLPGLSEERKT VFVPGLAILCGVFDALAIRELRLSDGALREGVLYEMEGFRFRHQDVRSRRTASSL ANQYHIDSEQARRVLDTTMQMYEQWREQQPKLAHPQLEALLRWAAMLHEVG LNINHSGLHRHSAYILQNSDLPGFNQEQQLMMATLVRYHRKAIKLDLPRFTLF KKKQFLPLIQLLRGLVLLNNQRQATTTPTLTLITDDSHWTLRFPHDWFSQNAL VLLDLEKEQEYWEGVAGWRLKIEEESTPEIAA |
| Research Area | Microbiology |
| Source | E.coli |
| Target 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-tagged |
| Mol. Weight | 62.0kDa |
| Protein Length | Full Length of Mature Protein |

Image

