

## Exopolyphosphatase Recombinant Protein | PPX1 recombinant protein

Recombinant *Saccharomyces cerevisiae* Exopolyphosphatase (PPX1)

CATALOG #  
**AAA309809**

HOST  
**E Coli**

### PRODUCT SYNONYMS

Exopolyphosphatase; Recombinant *Saccharomyces cerevisiae* Exopolyphosphatase (PPX1); Metaphosphatase; PPX1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence Positions      | 1-397aa. Full length                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sequence                | MSPLRKTVP E FLAHLKSLPI SKIASNDVLT ICVGNESADM DSIASAITYS YCQYIYNEGT YSEEKKKGSF<br>IVPIIDIPRE DLSLRDVMY VLEKLKIKEE ELFFIEDLKS LKQNVSQGTE LNSYLVNDND TPKNLKNYID<br>NVVGIIDHMF DLQKHLDAEP RIVKVS GSCS SLVFNYWYEK LQGDREVVMN IAPLLMGAIL IDTSNMRRKV<br>EESDKLAIER CQAVLSGAVN EVSAQGLED S SEFYKEIKSR KNDIKGFSVS DILKKDYKQF NFQGGKHGKL<br>EIGLSSIVKR MSWLFNEHGG EADFVNQCRR FQAERGLDVL VLLTSWRKAG DSHRELVLG DSNVVRELIE<br>RVSDKLQLQL FGGNLDGGVA MFKQLNVEAT RKQVVPYLEE AYSNLEE |
| Tag Info                | N-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C, -80°C.</p> <p>The shelf life of lyophilized form is 12 months at -20°C, -80°C.</p> <p>Notes: Repeated freezing and thawing is not recommended.</p> <p>Store working aliquots at 4°C for up to one week.</p>                                      |

### NCBI AND UNIPROT INFORMATION

|                           |                    |
|---------------------------|--------------------|
| NCBI GI #                 | 6321995            |
| NCBI GeneID               | 856608             |
| NCBI Accession #          | NP_012071.1        |
| NCBI GenBank Nucleotide # | NM_001179332.1     |
| UniProt Accession #       | P38698; D3DLF0     |
| Molecular Weight          | 49.1 kDa           |
| NCBI Official Full Name   | exopolyphosphatase |
| NCBI Official Symbol      | PPX1               |
| NCBI Protein Information  | exopolyphosphatase |
| UniProt Protein Name      | Exopolyphosphatase |
| UniProt Gene Name         | PPX1               |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/ppx1-recombinant-protein-e-coli/309809>