



Recombinant *Saccharomyces cerevisiae* Polyphosphatase (PPX1)

Product Code	CSB-MP334459SVG
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.	P38698
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSPLRKTVPE FLAHLKSLPI SKIASNDVLT ICVGNESADM DSIASAITYS YCQYIYNEGTYSEEKKKGSF IVPIIDIPRE DLSLRDVMY VLEKLKIKEE ELFFIEDLKS LKQNVSQGTE LNSYLVNDND TPKNLKNYID NVVGIIDHHF DLQKHLD AEP RIVKVSGSCS SLVFNYWY EK LQGDREVMN IAPLLMGAIL IDTSNMRRKV EESDKLAIER CQAVLSGAVN EVSAQGLEDS SEFYKEIKSR KNDIKGFSVS DILKKDYKQF NFQGKGHKGL EIGLSSIVKR MSWLFNEHGG EADFVNQCRR FQAERGLDVL VLLTSWRKAG DSHRELVILG DSNVVRELIE RVSDKLQLQL FGGNLDGGVA MFKQLNVEAT RKQVVPYLEE AYSNLEE
Source	Mammalian cell
Target Names	Name:PPX1 Ordered Locus Names:YHR201C
Protein Names	Recommended name: Exopolyphosphatase Short name= ExopolyPase EC= 3.6.1.11 Alternative name(s): Metaphosphatase
Expression Region	1-397
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.