



Recombinant *Saccharomyces cerevisiae* Inorganic pyrophosphatase (IPP1)

Product Code	CSB-EP018410SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00817
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	TYTTRQIGA KNTLEYKVYI EKDGKPVSAF HDIPLYADKE NNIFNMVVEI PRWTNAKLEI TKEETLNPII QDTKKGKLRV VRNCFPHHGY IHNYGAFPQT WEDPNVSHPE TKAVGDNDPI DVLEIGETIA YTGQVKQVKA LGIMALLDEG ETDWKVIAID INDPLAPKLN DIEDVEKYFP GLLRATNEWF RIYKIPDGKP ENQFAFSGEA KNKKYALDII KETHDSWKQL IAGKSSDSKG IDLTNVTLPD TPTYSKAASD AIPPASPKAD APIDKSIDKW FFISGSV
Source	<i>E.coli</i>
Target Names	IPP1
Protein Names	Recommended name: Inorganic pyrophosphatase EC= 3.6.1.1 Alternative name(s): Pyrophosphate phospho-hydrolase Short name= PPase
Expression Region	2-287
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 of Mature 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.