



Recombinant *Ralstonia pickettii* Poly (3-hydroxybutyrate) depolymerase

Product Code	CSB-MP319436BXV
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.	P12625
Product Type	Recombinant Protein
Immunogen Species	<i>Burkholderia pickettii</i> (<i>Ralstonia pickettii</i>) (<i>Pseudomonas pickettii</i>)
Purity	≥85% (SDS-PAGE)
Sequence	ATA GPGAWSSQQT WAADSVNGGN LTGYFYWPAS QPTTPNGKRA LVLVLHGCVQ TASGDVIDNA NGAGFNWKSVD ADQYGAVILA PNATGNVYSN HCWDYANASP SRTAGHVGVL LDLVNRFTN SQYAIDPNQV YVAGLSSGGG MTMVLGCIAP DIFAGIGINA GPPP GTTTAQ IGYVPSGFTA TTAANKCNAW AGSNAGKFST QIAGAVWGTS DYTVAQAYGP MDAAAMRLVY GGNFTQGSQV SISGGGTNTP YTDSNGKVRT HEISVSGMAH AWPAGTGGDN TNYVDATHIN YPVFVMDYWV KNNLRAGSGT GQAGSAPTGL AVTATTSTSV SLSWNAVANA SSYGVYRNGS KVGSAATATAY TDSGLIAGTT YSYVTAVDP TAGESQPSAA VSATTKSAFT CTATTASNYA HVQAGRAHDS GGIAYANGSN QSMGLDNLFY TSTLAQTAAG YYIVGNCP
Source	Mammalian cell
Protein Names	Recommended name: Poly(3-hydroxybutyrate) depolymerase Short name= PHB depolymerase EC= 3.1.1.75
Expression Region	28-488
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.