



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

<b>Product Code</b>	CSB-EP319436BXV-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P12625
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Burkholderia pickettii</i> ( <i>Ralstonia pickettii</i> ) ( <i>Pseudomonas pickettii</i> )
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ATA GPGAWSSQQT WAADSVNGGN LTGYFYWPAS QPTTPNGKRA LVLVLHGCVQ TASGDVIDNA NGAGFNWKSVD ADQYGAVILA PNATGNVYSN HCWDYANASP SRTAGHVGVL LDLVNRFTN SQY AIDPNQV YVAGLSSGGG MTMVLGCIAP DIFAGIGINA GPPP GTTTAQ IGYVPSGFTA TTAANKCNAW AGSNAGKFST QIAGAVWGTS DYTVAQAYGP MDAAAMRLVY GGNFTQGSQV SISGGGTNTP YTDSNGKVRT HEISVSGMAH AWPAGTGGDN TNYVDATHIN YPVFVMDYWV KNNLRAGSGT GQAGSAPTGL AVTATTSTSV SLSWNAVANA SSYGVYRNGS KVG SATATAY TDSGLIAGTT YSYTVAVDP TAGESQPSAA VSATTKSAFT CTATTASNYA HVQAGRAHDS GGIAYANGSN QSMGLDNLFY TSTLAQTAAG YYIVGNCP
<b>Source</b>	E.coli
<b>Protein Names</b>	Recommended name: Poly(3-hydroxybutyrate) depolymerase Short name= PHB depolymerase EC= 3.1.1.75
<b>Expression Region</b>	28-488
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.