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## Product Datasheet

### Recombinant *Priestia megaterium* Bifunctional cytochrome P450/NADPH--P450 reductase (cyp102A1), partial BYT-ORB1785373

Article Name	Recombinant <i>Priestia megaterium</i> Bifunctional cytochrome P450/NADPH--P450 reductase (cyp102A1), partial
Biozol Catalog Number	BYT-ORB1785373
Supplier Catalog Number	orb1785373
Alternative Catalog Number	BYT-ORB1785373-1,BYT-ORB1785373-100,BYT-ORB1785373-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant <i>Bacillus megaterium</i> Bifunctional cytochrome P450/NADPH--P450 reductase (cyp102A1), partial spans the amino acid sequence from region 2-472aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	55.2 kDa
UniProt	<a href="#">P14779</a>
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Source	<i>Priestia megaterium</i> (strain ATCC 14581 / DSM 32 / CCGU 1817 / JCM 2506 / NBRC 15308 / NCIMB 9376 / NCTC 10342 / NRRL B-14308 / VKM B-512 / Ford 19) ( <i>Bacillus megaterium</i> )
Purity	Greater than 90% as determined by SDS-PAGE.

Form	Liquid or Lyophilized powder
Sequence	TIKEMPQPKTFGELKNLPLLNTDKPVQALMKIADELGEIFKFEAPGRVTRYLSSQ RLIKEACDESRFDKNLSQALKFVRDFAGDGLFTSWTHEKNWKKAHNILLPSFS QQAMKGYHAMMVDIAVQLVQKWERLNADEHIEVPEDMTRLTLDTIGLCGFN YRFNSFYRDQPHPFITSMVRALDEAMNKLQRANPDDPAYDENKRQFQEDIKV MNDLVDKIIADRKASGEQSDDLTHMLNGKDPETGEPLDDENIR
Application Notes	<p>Biological Origin: <i>Priestia megaterium</i> (strain ATCC 14581 / DSM 32 / CCUG 1817 / JCM 2506 / NBRC 15308 / NCIMB 9376 / NCTC 10342 / NRRL B-14308 / VKM B-512 / Ford 19) (<i>Bacillus megaterium</i>).</p> <p>Application Notes: 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</p>