

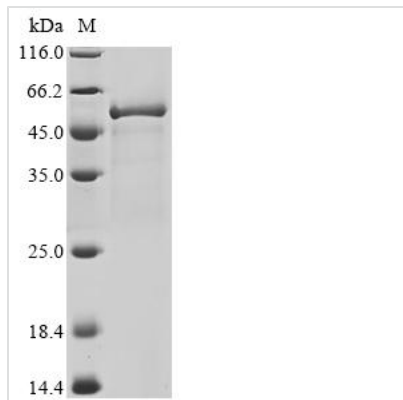


# Recombinant *Priestia megaterium* Bifunctional cytochrome P450/NADPH--P450 reductase (cyp102A1), partial

<b>Product Code</b>	CSB-YP320426FSZ
<b>Abbreviation</b>	Recombinant <i>Priestia megaterium</i> cyp102A1 protein, partial
<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>	P14779
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	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.
<b>Product Type</b>	Recombinant <i>Bacillus megaterium</i> Bifunctional cytochrome P450/NADPH--P450 reductase(cyp102A1),partial
<b>Immunogen Species</b>	<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> )
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	TIKEMPQPKTFGELKNLPLLNTDKPVQALMKIADELGEIFKFEAPGRVTRYLSS QRLIKEACDESFRDKNLSQALKFVRDFAGDGLFTSWTHEKNWKKAHNILLPSF SQQAMKGYHAMMVDIAVQLVQKWERLNADEHIEVPEDMTRLTLDTIGLCGFN YRFNSFYRDQPHPFITSMVRALDEAMNKLQRANPDDPAYDENKRQFQEDIKV MNDLVDKIIADRKASGEQSDDLTHMLNGKDPETGEPLDDENIRYQIITFLIAGH ETTSGLLSFALYFLVKNPHVLQKAAEEAARVLVDPVPSYKQVKQLKYVGMVLN EALRLWPTAPAFSLYAKEDTVLGGEYPLEKGDELMVLIPQLHRDKTIWGDDE EFRPERFENPSAIPQHAFKPFNGQRACIGQQFALHEATLVLGMMLKHDFED HTNYELDIKETLTLKPEGFVVKAKSKKIPLGGIPSPSTEQSAKKVR
<b>Research Area</b>	Cancer
<b>Source</b>	Yeast
<b>Target Names</b>	cyp102A1
<b>Expression Region</b>	2-472aa
<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>	C-terminal 6xHis-tagged
<b>Mol. Weight</b>	55.2 kDa

**Protein Length**

Partial

**Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**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.