



# Recombinant *Saccharomyces cerevisiae* Putative pyridoxal reductase (YPR127W)

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| <b>Product Code</b>      | CSB-YP313294SVG  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | Q06494   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MSVADLKNNI HKLDTGYGLM SLTWRAEPIP QSQAPEAMHR VVELSRERGH<br>KAFFNVGEFY GPDFINLSYV HDFFAKYPDL RKDVVISCKG GADNATLTPR<br>GSHDDVVQSV KNSVSAIGGY IDIFEVARID TSLCTKGEVY PYESFEALAE<br>MISEGVIGGI SLSEVNEEQI RAIHKDWGKF LTCVEVELSL FSNLILHNGI<br>AKTCAELGLS IICYSPLGRG LLTGQLKSNA DIPEGDFRKS LKRFSDSLK<br>KNLTLVRFLQ EEIVDKRPQN NSITLAQLAL GWVKHWNKVP EYSGAKFIPI<br>PSGSSISKVN ENFDEQKTKL TDQEFNAINK YLTTFHTVGD RYEMA |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | YPR127W  |
| <b>Protein Names</b>     | Recommended name: Putative pyridoxal reductase Short name= PL reductase<br>Short name= PL-red EC= 1.1.1.65   |
| <b>Expression Region</b> | 1-345  |
| <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 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.<br>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.   |