



Recombinant *Oryza sativa* subsp. japonica Putative laccase-16 (LAC16)

Product Code	CSB-YP801719OFG
Abbreviation	LAC16
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.	Q7XE50
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MDRKGIVLGS KLAVFSMILL WHRHGVDQPR NPWSDGPEFI TQCPIRPCGN FTYQVILFEE EGTLLWWHAHS DFDRATVHGA IVIHPKHGTT FPFNKPDKEI PIILSEWWND DVENVLDEAK RTGGDQGNTY LLRVINTGLT NDMFFAVAGH CLTVVSSIDAR YTKPLTVDYI MIAPGQTMDV LLEANRTLGS NSRYYMAARA FITLPVDTIP FNNSTATAIV EYTDSPTARP PGPPEFPLLL PAIKDEDAAM AFVDERMLID IDVNFLPCDT TNATNKLCKG PQGNQFAASL NNVSFESPAI DVLDAYYYGS GRGVYEEDFP NKPVNAFVNP TGDNGGRPLL TKRGTKVKVV EYGTVEEVVF QDLSSSENHPM HLHGFAFYVV GRGSGTFDER RDPATYNLVD PPFQNTVSVP KSSWAAIRFR ADNPGVWFMH CHFDRHVWVG MDTVFIVKDG KTPQAQMLPR PPNMPEC
Source	Yeast
Target Names	LAC16
Protein Names	Recommended name: Putative laccase-16 EC= 1.10.3.2 Alternative name(s): Benzenediol:oxygen oxidoreductase 16 Diphenol oxidase 16 Urishiol oxidase 16
Expression Region	1-467
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 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.