



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

<b>Product Code</b>	CSB-EP801719OFG
<b>Abbreviation</b>	LAC16
<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>	Q7XE50
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDRKGIVLGS KLAVFSMILL WHRHGVDQPR NPWSDGPEFI TQCPIRPCGN FTYQVILFEE EGTLLWWHAHS DFDRATVHGA IVIHPKHGTT FPFNKPDKEI PIILSEWWND DVENVLDEAK RTGGDQGNTY LLRVINTGLT NDMFFAVAGH CLTVVVSIDAR YTKPLTVDYI MIAPGQTM DV LLEANRTLGS NSRYYMAARA FITLPVDTIP FNNSTATAIV EYTDSPTARP PGPPEFPLLL PAIKDEDAAM AFVDERMLID IDVNFLPCDT TNATNKLCKG PQGNQFAASL NNVSFESPAI DVLDAYYYGS GRGVYEEDFP NKPVNAFVNP TGDNGGRPLL TKRGTKVKVV EYGTVEEVVF QDLSSSENHPM HLHGFAFYVV GRGSGTFDER RDPATYNLVD PPFQNTVSVP KSSWAAIRFR ADNPGVWF MH CHFDRHV VWG MDTVFIVKDG KTPQAQMLPR PPNMPEC
<b>Source</b>	E.coli
<b>Target Names</b>	LAC16
<b>Protein Names</b>	Recommended name: Putative laccase-16 EC= 1.10.3.2 Alternative name(s): Benzenediol:oxygen oxidoreductase 16 Diphenol oxidase 16 Urishiol oxidase 16
<b>Expression Region</b>	1-467
<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. 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.