



Recombinant Phanerochaete chrysosporium Ligninase A (LIPA)

Product Code	CSB-EP341262EUK
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.	P31837
Product Type	Recombinant Protein
Immunogen Species	Phanerochaete chrysosporium (White-rot fungus) (Sporotrichum pruinosum)
Purity	>85% (SDS-PAGE)
Sequence	AT CSNGATVGDA SCCAWFDVLD DIQQNLFQGG QCGAEAHESI RLVFHDAIAI SPAMEAQGKF GGGGADGSIM IFDDIEPNFH PNIGLDEIIN LQKPFVQKHG VTPGAFIAFA GAVALSNCPG APQMNFFTGR APATQPAPDG LVPEPFHTVD QIIARVNDAG EFDELELVWM LSAHSVAAVN DVDPTVQGLP FDSTPGIFDS QFFVETQFRG ILFPGSGGNQ GEVESGMAGE IRIQTDHTLA RDSRTACEWQ SFVNNQSKLV SDFQFIFLAL TQLGQDPNAM TDCSDVIPIS KPIPGNLPFS FFPPGKSMKD VEQACAETPF PSLVTLPGPA TSVARIPPPP GA
Source	E.coli
Target Names	LIPA
Protein Names	Recommended name: Ligninase A EC= 1.11.1.14 Alternative name(s): Diarylpropane peroxidase Lignin peroxidase
Expression Region	29-372
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 of Mature 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.