Laccase-20 (LAC20) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Laccase-20 (LAC20), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Laccase-20 (LAC20), partial
Product Gene Name	LAC20 recombinant protein
Product Synonym Gene Name	LAC20
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	64,761 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q2R0L0
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LAC20 recombinant protein	MBS1367615 is a recombinant protein targeting LAC20. Also known as Recombinant Oryza sativa subsp. japonica Laccase-20 (LAC20), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LAC20 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAC20. It may not necessarily be applicable to this product.

NCBI GI #	1002306686
NCBI GeneID	4351006
NCBI Accession #	XP_015616735.1
UniProt Primary Accession #	Q2R0L0
UniProt Secondary Accession #	A0A0P0Y4S1; B7ECV6
UniProt Related Accession #	Q2R0L0
GenBank Nucleotide #	XM_015761249.1
NCBI Official Full Name	laccase-20
NCBI Official Symbol	LOC4351006

NCBI Official Synonym Symbols	LAC20; OsJ_033255
UniProt Protein Name	Laccase-20
UniProt Synonym Protein Names	Benzenediol:oxygen oxidoreductase 20; Diphenol oxidase 20; Urishiol oxidase 20
Protein Family	Laccase
UniProt Gene Name	LAC20
NCBI Protein Information	laccase-20
UniProt Comments for LAC20	Lignin degradation and detoxification of lignin-derived products.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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