Laccase-10 (LAC10) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Laccase-10 (LAC10), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Laccase-10 (LAC10) , partial
Product Gene Name	LAC10 recombinant protein
Product Synonym Gene Name	LAC10
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	61,298 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 Q6ID18
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LAC10 recombinant protein	MBS1393795 is a recombinant protein targeting LAC10. Also known as Recombinant Arabidopsis thaliana Laccase-10 (LAC10) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LAC10 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 LAC10. It may not necessarily be applicable to this product.

NCBI GI #	79502976
NCBI GeneID	831697
NCBI Accession #	NP_195739.2
UniProt Primary Accession #	Q6ID18
UniProt Secondary Accession #	Q9LFB7
UniProt Related Accession #	Q6ID18
GenBank Nucleotide #	NM_120197.4
NCBI Official Full Name	laccase 10
NCBI Official Symbol	LAC10

NCBI Official Synonym Symbols	F7J8.170; F7J8_170; laccase 10
UniProt Protein Name	Laccase-10
UniProt Synonym Protein Names	Benzenediol:oxygen oxidoreductase 10; Diphenol oxidase 10; Urishiol oxidase 10
Protein Family	Laccase
UniProt Gene Name	LAC10
NCBI Protein Information	laccase 10
NCBI Summary for LAC10	putative laccase, a member of laccase family of genes (17 members in Arabidopsis).
UniProt Comments for LAC10	Lignin degradation and detoxification of lignin-derived products.
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