

Laccase-21 (LAC21), Recombinant Protein

Cat *RP12267*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Laccase-21 (LAC21), partial

Product Gene Name

LAC21 recombinant protein

Product Synonym Gene Name

LAC21

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

64,864 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Laccase

NCBI Accession

XP_015615527.1

NCBI GI

1002304333

NCBI GenBank Nucleotide

XM_015760041.1

NCBI GeneID

4351179

NCBI Official Full Name

laccase-21

NCBI Official Symbol

LOC4351179

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Laccase-21 (LAC21), Recombinant Protein

Cat *RP12267*

LAC21

NCBI Protein Information

laccase-21

UniProt Gene Name

LAC21

UniProt Protein Name

Laccase-21

UniProt Synonym Protein Names

Benzenediol:oxygen oxidoreductase 21; Diphenol oxidase 21; Urishiol oxidase 21

UniProt Primary Accession

Q2QZ80

UniProt Secondary Accession

A0A0P0Y5P2; B7F8L2

UniProt Related Accession

Q2QZ80

UniProt Comments

Lignin degradation and detoxification of lignin-derived products.

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