

Laccase-24 (LAC24), Recombinant Protein

Cat *RP12409*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Laccase-24 (LAC24), partial

Product Gene Name

LAC24 recombinant protein

Product Synonym Gene Name

LAC24

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

63,459 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_015618619.1

NCBI GI

1002310515

NCBI GenBank Nucleotide

XM_015763133.1

NCBI GeneID

4351915

NCBI Official Full Name

laccase-24

NCBI Official Symbol

LOC4351915

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Laccase-24 (LAC24), Recombinant Protein

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LAC24; OsJ_17624; OsJ_016843

NCBI Protein Information

laccase-24

UniProt Gene Name

LAC24

UniProt Protein Name

Laccase-24

UniProt Synonym Protein Names

Benzenediol:oxygen oxidoreductase 24; Diphenol oxidase 24; Urishiol oxidase 24

UniProt Primary Accession

Q2QUN2

UniProt Secondary Accession

Q0IP29; B7F9W5; B9FJ53

UniProt Related Accession

Q2QUN2

UniProt Comments

Lignin degradation and detoxification of lignin-derived products.

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