

Laccase-25 (LAC25), Recombinant Protein

Cat *RP12639*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Laccase-25 (LAC25), partial

Product Gene Name

LAC25 recombinant protein

Product Synonym Gene Name

LAC25

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

63,680 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

Q0IP28.1

NCBI GI

122234144

NCBI Official Full Name

Laccase-25

UniProt Gene Name

LAC25

UniProt Protein Name

Laccase-25

UniProt Synonym Protein Names

Benzenediol:oxygen oxidoreductase 25; Diphenol oxidase 25; Urishiol oxidase 25

UniProt Primary Accession

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Laccase-25 (LAC25), Recombinant Protein

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Q0IP28

UniProt Secondary Accession

Q2QUK8

UniProt Comments

Lignin degradation and detoxification of lignin-derived products.

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