

Probable glucuronosyltransferase Os04g0650300 (Os04g0650300, LOC_Os04g55670), Recombinant Protein

Cat *RP14224*

Size 1 mg (*E-Coli*)/ 1 mg (*Yeast*)

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Probable glucuronosyltransferase Os04g0650300 (Os04g0650300, LOC_Os04g55670), partial

Product Gene Name

Os04g0650300 recombinant protein

Purity

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

Sequence

MKLPLLRPLW PMLSPAAGSP DSPPEPSKPS LPAAWLLLHA LFCATSMAVG FRFSRLIVYL LFLPTPINPT
AHLVSLVSPV VMLAAANATT TITTTTTTTT TTVTTTTVAA EVGAHPQH HH HGPV FVGRHP IRVRPWPHPD
PNELLKAHHI LAAVQNAQRS SRRRGAGPPR PVI AVTP TTT SALQVPSLTS MAHTLRLVDG PLTWIVVEPE
HHTDAVA AVL SRSNLN FLHI TGPDSST SRL RMHALREIRK RKMDGVVVFA DENSILRTEL FDEAQVKSV
GAVPVGV LGE DEGTSETFLQ APSCDAEGL VGYHVSEETM LPANRGDMLL SSRLEWAGFV VNAQALWEGG
GAASRPEWVS DIDAIDGAA ASPLSLVTDA ARVEPLASCG QAALAWSHRS DALHEVKFPH EWKIDPPLVT
IASRQQDAKP ETPLKRTTLL NTEGQH

Sequence Positions

1-446

Format

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

Host

E. coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

48,093 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

Probable glucuronosyltransferase

NCBI Accession

XP_015636981.1

NCBI GI

1002265299

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP14224*

Size *1 mg (E-Coli)/ 1 mg (Yeast)*

NCBI GenBank Nucleotide

XM_015781495.1

NCBI GeneID

4337225

NCBI Official Full Name

probable glucuronosyltransferase Os04g0650300

NCBI Official Symbol

LOC4337225

NCBI Official Synonym Symbols

GT43I

NCBI Protein Information

probable glucuronosyltransferase Os04g0650300

UniProt Gene Name

Os04g0650300

UniProt Protein Name

Probable glucuronosyltransferase Os04g0650300

UniProt Synonym Protein Names

OsGT43B

UniProt Primary Accession

B9FCV3

UniProt Secondary Accession

Q0J9I4; Q7XMQ1

UniProt Comments

Involved in the synthesis of glucuronoxyran hemicellulose in secondary cell walls.

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