

Probable glucuronosyltransferase Os05g0559600 (Os05g0559600, LOC_Os05g48600), Recombinant Protein

Cat RP14461

Size 0.5 mg (*E-Coli*)/ 0.05 mg (*Baculovirus*)/ 0.5 mg (*Yeast*)/ 0.05 mg
(*Mammalian-Cell*)/ 1 mg (*E-Coli*)/ 0.1 mg (*Baculovirus*)/ 1 mg
(*Yeast*)/ 0.1 mg (*Mammalian-Cell*)

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Probable glucuronosyltransferase Os05g0559600 (Os05g0559600, LOC_Os05g48600), partial

Product Gene Name

Os05g0559600 recombinant protein

Product Synonym Gene Name

Os05g0559600; LOC_Os05g48600

Purity

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

Sequence

MVSSRRNTGG IQRDGLRDW SEFVDPSPSP KLLYSQSYVA MRGLLSSLVS MDFALLSSRL KSAWAAILSQ
RHTRSPERSK SRGLSCKR

Sequence Positions

1-88

Format

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

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

47,062 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_015640357.1

NCBI GI

1002272113

NCBI GenBank Nucleotide

XM_015784871.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID

4339589

NCBI Official Full Name

probable glucuronosyltransferase Os05g0559600 isoform X1

NCBI Official Symbol

LOC4339589

NCBI Official Synonym Symbols

GT43E; OJ1115_B06.1

NCBI Protein Information

probable glucuronosyltransferase Os05g0559600

UniProt Gene Name

Os05g0559600

UniProt Protein Name

Probable glucuronosyltransferase Os05g0559600

UniProt Primary Accession

Q6AT32

UniProt Related Accession

Q6AT32

UniProt Comments

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

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