

Probable glucuronoxylan glucuronosyltransferase F8H (F8H), Recombinant Protein

Cat *RP00341*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Probable glucuronoxylan glucuronosyltransferase F8H (F8H), partial

Product Gene Name

F8H recombinant protein

Product Synonym Gene Name

F8H

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

53,809 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 glucuronoxylan glucuronosyltransferase

NCBI Accession

NP_001330046.1

NCBI GI

1063733416

NCBI GenBank Nucleotide

NM_001343782.1

NCBI GeneID

832358

NCBI Official Full Name

glucuronoxylan glucuronosyltransferase, putative

NCBI Official Symbol

F8H

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols

FRA8 homolog; MRN17.17; MRN17_17

NCBI Protein Information

glucuronoxylan glucuronosyltransferase, putative

NCBI Summary

Homolog of FRA8 (AT2G28110), a member of a member of glycosyltransferase family 47; exhibits high sequence similarity to tobacco (*Nicotiana plumbaginifolia*) pectin glucuronosyltransferase.

UniProt Gene Name

F8H

UniProt Protein Name

Probable glucuronoxylan glucuronosyltransferase F8H

UniProt Synonym Protein Names

FRA8 homolog; Protein FRAGILE FIBER 8 homolog

UniProt Primary Accession

Q6NMM8

UniProt Secondary Accession

Q9FFB4

UniProt Related Accession

Q6NMM8

UniProt Comments

Involved in the synthesis of the hemicellulose glucuronoxylan, a major component of secondary cell walls. Probably involved in the synthesis of the glycosyl sequence at the glucuronoxylan reducing end.

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