

# Galacturonosyltransferase 8 (GAUT8), Recombinant Protein

Cat RP05454

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Galacturonosyltransferase 8 (GAUT8) , partial

## Product Gene Name

GAUT8 recombinant protein

## Product Synonym Gene Name

GAUT8

## 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

64,368 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

Galacturonosyltransferase

## NCBI Accession #

NP\_189150.1

## NCBI GI #

15230806

## NCBI GenBank Nucleotide #

NM\_113418.5

## NCBI GeneID

822105

## NCBI Official Full Name

Nucleotide-diphospho-sugar transferases superfamily protein

## NCBI Official Symbol

QUA1

## NCBI Official Synonym Symbols

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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# Galacturonosyltransferase 8 (GAUT8), Recombinant Protein

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GALACTURONOSYLTRANSFERASE 8; GAUT8; QUASIMODO 1

## NCBI Protein Information

Nucleotide-diphospho-sugar transferases superfamily protein

## NCBI Summary

Quasimodo1, encodes a glycosyltransferase, involved in homogalacturonan biosynthesis; mutant shows cell adhesion defect and lower wall uronic acid content.

## UniProt Gene Name

GAUT8

## UniProt Synonym Gene Names

QUA1

## UniProt Protein Name

Galacturonosyltransferase 8

## UniProt Synonym Protein Names

Glycosyltransferase QUASIMODO1

## UniProt Primary Accession #

Q9LSG3

## UniProt Related Accession #

Q9LSG3

## UniProt Comments

Alpha-1-4-D-galacturonosyltransferase involved in homogalacturonan (HGA) synthesis, a class of pectin which plays a role in cell adhesion.

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