

# Cytochrome P450 84A1 (CYP84A1), Recombinant Protein

Cat *RP08663*

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Cytochrome P450 84A1 (CYP84A1) , partial

## Product Gene Name

CYP84A1 recombinant protein

## Product Synonym Gene Name

CYP84A1

## 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

58,721 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

Cytochrome

## NCBI Accession #

NP\_195345.1

## NCBI GI #

15234332

## NCBI GenBank Nucleotide #

NM\_119790.3

## NCBI GeneID

829779

## NCBI Official Full Name

ferulic acid 5-hydroxylase 1

## NCBI Official Symbol

FAH1

## NCBI Official Synonym Symbols

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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CYP84A1; CYTOCHROME P450 84A1; F23E13.110; F23E13\_110; FERULATE-5-HYDROXYLASE; ferulic acid 5-hydroxylase 1

## NCBI Protein Information

ferulic acid 5-hydroxylase 1

## NCBI Summary

encodes ferulate 5-hydroxylase (F5H). Involved in lignin biosynthesis.

## UniProt Gene Name

CYP84A1

## UniProt Synonym Gene Names

FAH1; F5H

## UniProt Protein Name

Cytochrome P450 84A1

## UniProt Synonym Protein Names

Ferulate-5-hydroxylase; F5H

## UniProt Primary Accession #

Q42600

## UniProt Related Accession #

Q42600

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