

Cytochrome P450 89A9 (CYP89A9), Recombinant Protein

Cat *RP08681*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Cytochrome P450 89A9 (CYP89A9) , partial

Product Gene Name

CYP89A9 recombinant protein

Product Synonym Gene Name

CYP89A9

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

59,255 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_186997.1

NCBI GI

15228566

NCBI GenBank Nucleotide

NM_111218.4

NCBI GeneID

821250

NCBI Official Full Name

cytochrome P450, family 87, subfamily A, polypeptide 9

NCBI Official Symbol

CYP89A9

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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"cytochrome P450; cytochrome P450; family 87; polypeptide 9; polypeptide 9"; subfamily A; T21P5.11; T21P5_11

NCBI Protein Information

cytochrome P450, family 87, subfamily A, polypeptide 9

NCBI Summary

member of CYP89A

UniProt Gene Name

CYP89A9

UniProt Protein Name

Cytochrome P450 89A9

UniProt Primary Accession

Q9SRQ1

UniProt Secondary Accession

Q944R6

UniProt Related Accession

Q9SRQ1

UniProt Comments

Involved in the chlorophyll breakdown by its action in nonpolar fluorescent chlorophyll catabolite (FCC) decarbonylation.

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