

Beta-myrcene/ (E)-beta-ocimene synthase 2, chloroplastic (TPS24), Recombinant Protein

Cat *RP05179*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Beta-myrcene/ (E)-beta-ocimene synthase 2, chloroplastic (TPS24) , partial

Product Gene Name

TPS24 recombinant protein

Product Synonym Gene Name

TPS24

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

69,812 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

Beta-myrcene/(E)-beta-ocimene synthase

NCBI Accession

NP_189209.2

NCBI GI

30688029

NCBI GenBank Nucleotide

NM_113482.5

NCBI GeneID

822173

NCBI Official Full Name

Terpenoid cyclases/Protein prenyltransferases superfamily protein

NCBI Official Symbol

AT3G25810

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Beta-myrcene/ (E)-beta-ocimene synthase 2, chloroplastic (TPS24), Recombinant Protein

Cat *RP05179*

NCBI Protein Information

Terpenoid cyclases/Protein prenyltransferases superfamily protein

UniProt Gene Name

TPS24

UniProt Synonym Gene Names

AtTPS24

UniProt Protein Name

Beta-myrcene/(E)-beta-ocimene synthase 2, chloroplastic

UniProt Synonym Protein Names

Terpenoid synthase 24; AtTPS24

UniProt Primary Accession

Q9LRZ6

UniProt Secondary Accession

Q84UV1; B7ZWS1

UniProt Related Accession

Q9LRZ6

UniProt Comments

Involved in monoterpene (C10) biosynthesis. The major products are alpha- and beta-pinene, sabinene, beta-myrcene, (E)-beta-ocimene and limonene.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY