

# 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 GenID

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

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## 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.

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