

Terpenoid synthase 25 (TPS25), Recombinant Protein

Cat *RP05081*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Terpenoid synthase 25 (TPS25) , partial

Product Gene Name

TPS25 recombinant protein

Product Synonym Gene Name

TPS25

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

70,225 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

Terpenoid synthase

NCBI Accession

NP_189587.1

NCBI GI

15228702

NCBI GenBank Nucleotide

NM_113867.5

NCBI GeneID

822602

NCBI Official Full Name

Terpenoid cyclases/Protein prenyltransferases superfamily protein

NCBI Official Symbol

AT3G29410

NCBI Protein Information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Terpenoid synthase 25 (TPS25), Recombinant Protein

Cat *RP05081*

Terpenoid cyclases/Protein prenyltransferases superfamily protein

UniProt Gene Name

TPS25

UniProt Synonym Gene Names

AtTPS25

UniProt Protein Name

Terpenoid synthase 25

UniProt Primary Accession

Q9LIA1

UniProt Secondary Accession

Q84UU7

UniProt Related Accession

Q9LIA1

UniProt Comments

Involved in terpene biosynthesis in roots. Possesses sesquiterpene (C15) synthase activity in vitro. Does not seem to be involved in diterpene (C20) biosynthesis.

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