

Casbene synthase, chloroplastic (RCOM_1574350), Recombinant Protein

Cat *RP19171*

Species

Ricinus communis (Castor bean)

Full Product Name

Recombinant *Ricinus communis* Casbene synthase, chloroplastic (RCOM_1574350), partial

Product Gene Name

RCOM_1574350 recombinant protein

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

68,966 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

Casbene synthase

NCBI Accession

XP_002513340.1

NCBI GI

255544558

NCBI GenBank Nucleotide

XM_002513294.2

NCBI GeneID

8259981

NCBI Official Full Name

casbene synthase, chloroplastic isoform X2

NCBI Official Symbol

LOC8259981

NCBI Protein Information

casbene synthase, chloroplastic

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Casbene synthase, chloroplastic (RCOM_1574350), Recombinant Protein

Cat *RP19171*

UniProt Gene Name

RCOM_1574350

UniProt Protein Name

Casbene synthase, chloroplastic

UniProt Primary Accession

P59287

UniProt Related Accession

P59287

UniProt Comments

Catalyzes the cyclization of geranylgeranyl diphosphate to casbene, a diterpene phytoalexin with antibacterial and antifungal activity.

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