Ent-isokaur-15-ene synthase (KSL6), Recombinant Protein

CD BioSciences
Plant Protein

Cat RP11275

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Ent-isokaur-15-ene synthase (KSL6), partial

Product Gene Name
KSL6 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
92,408 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Ent-isokaur-15-ene synthase

NCBI Accession
XP_015625945.1

NCBI GI
1002243437

NCBI GenBank Nucleotide
XM_015770459.1

NCBI GeneID
4329729

NCBI Official Full Name
ent-isokaur-15-ene synthase isoform X4

NCBI Official Symbol
LOC4329729

NCBI Official Synonym Symbols
KS5; KSL6; OsKS5; OsKS6; OsKSL6

NCBI Protein Information

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ent-isokaur-15-ene synthase

UniProt Gene Name
KSL6

UniProt Synonym Gene Names
KS5; OsKS5; OsKS6; OsKSL6

UniProt Protein Name
Ent-isokaur-15-ene synthase

UniProt Synonym Protein Names
Ent-kaurene synthase-like 5; OsKS5; Ent-kaurene synthase-like 6; OsKS6; OsKSL6; Iso-kaurene synthase

UniProt Primary Accession
A4KAG8

UniProt Secondary Accession
Q0E083; Q2PHF1; Q69DS6; Q6Z5J0; A0A0P0VKP2

UniProt Related Accession
A4KAG8

UniProt Comments
Catalyzes the conversion of ent-copalyl diphosphate to the phytoalexin precursor ent-isokaur-15-ene.

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