

CLAVATA3/ESR (CLE)-related protein 16 (CLE16), Recombinant Protein

Cat RP05285

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Arabidopsis thaliana (Mouse-ear cress) Cell)

Full Product Name

Recombinant Arabidopsis thaliana CLAVATA3/ESR (CLE)-related protein 16 (CLE16)

Product Gene Name

CLE16 recombinant protein

Product Synonym Gene Name

CLE16

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

AAVFFCGIFV FAQFGISSA LFAPDHYP SL PRKAGHFHEM ASFQAPKATV SFTGQRREEE NRDEVYKDDK RLVHTGPNPL HN

Sequence Positions

22-103, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

11,756 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

CLAVATA3/ESR (CLE)-related protein

NCBI Accession

NP_001318176.1

NCBI GI

1063699468

NCBI GenBank Nucleotide

NM_001335066.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

CLAVATA3/ESR (CLE)-related protein 16 (CLE16), Recombinant Protein

Cat RP05285

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

28717514 (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

CLAVATA3/ESR-RELATED 16

NCBI Official Symbol

CLE16

NCBI Official Synonym Symbols

CLAVATA3/ESR-RELATED 16

NCBI Protein Information

CLAVATA3/ESR-RELATED 16

NCBI Summary

Member of a large family of putative ligands homologous to the Clavata3 gene. Consists of a single exon.

UniProt Gene Name

CLE16

UniProt Protein Name

CLAVATA3/ESR (CLE)-related protein 16

UniProt Primary Accession

Q8S8M2

UniProt Related Accession

Q8S8M2

UniProt Comments

Extracellular signal peptide that regulates cell fate. Represses root apical meristem maintenance.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY