

CLAVATA3/ESR (CLE)-related protein 10 (CLE10), Recombinant Protein

Cat RP05290

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-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana CLAVATA3/ESR (CLE)-related protein 10 (CLE10)

Product Gene Name

CLE10 recombinant protein

Product Synonym Gene Name

CLE10

Purity

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

Sequence

ATRNWTNRTH RTVPKVQHAY YAYPHRSCES FSRPYARSMC IELERIHRSR RQPLFSPPPP PTEIDQRYGV
EKRLVPSGPN PLHN

Sequence Positions

24-107, 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

12,553 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_564958.2

NCBI GI

30697832

NCBI GenBank Nucleotide

NM_105599.3

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

CLAVATA3/ESR (CLE)-related protein 10 (CLE10), Recombinant Protein

Cat RP05290

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

843263 (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 10

NCBI Official Symbol

CLE10

NCBI Official Synonym Symbols

CLAVATA3/ESR-RELATED 10; F10D13.2; F10D13_2

NCBI Protein Information

CLAVATA3/ESR-RELATED 10

NCBI Summary

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

UniProt Gene Name

CLE10

UniProt Protein Name

CLAVATA3/ESR (CLE)-related protein 10

UniProt Primary Accession

Q4PSX1

UniProt Secondary Accession

Q9C984

UniProt Related Accession

Q4PSX1

UniProt Comments

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY