

CLAVATA3/ESR (CLE)-related protein 11 (CLE11), Recombinant Protein

Cat RP05129

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 11 (CLE11)

Product Gene Name

CLE11 recombinant protein

Product Synonym Gene Name

CLE11

Purity

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

Sequence

TSYKLKSGIN SLGHKRILAS NFDFTPFLKN KDRTQRQRQS PSLTVKENGW WYNDEERVVP SGPNPLHH

Sequence Positions

32-99, 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

11,414 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_683413.1

NCBI GI

22330122

NCBI GenBank Nucleotide

NM_148572.3

NCBI GenID

841323

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Full Name CLAVATA3/ESR-RELATED 11

NCBI Official Symbol

CLE11

NCBI Official Synonym Symbols

CLAVATA3/ESR-RELATED 11

NCBI Protein Information

CLAVATA3/ESR-RELATED 11

NCBI Summary

Member of a large family of putative ligands homologous to the Clavata3 gene. Consists of a single exon. Can partially replace CLV3 function in vivo.

UniProt Gene Name

CLE11

UniProt Protein Name

CLAVATA3/ESR (CLE)-related protein 11

UniProt Primary Accession

Q3ECU1

UniProt Related Accession

Q3ECU1

UniProt Comments

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

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