

# CLAVATA3/ESR (CLE)-related protein 21 (CLE21), Recombinant Protein

Cat RP04805

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 21 (CLE21)

## Product Gene Name

CLE21 recombinant protein

## Product Synonym Gene Name

CLE21

## Purity

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

## Sequence

SSIQAGRFMT TGRNRNLSVA RSLYYKNHHK VVITEMSNFN KVRRRSSRFR RKTDGDEEEE EKRSIPTGPN PLHNK

## Sequence Positions

32-106, 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

12,377 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\_001318877.1

## NCBI GI #

1063743248

## NCBI GenBank Nucleotide #

NM\_001345649.1

## NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# CLAVATA3/ESR (CLE)-related protein 21 (CLE21), Recombinant Protein

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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

28721288 (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 21

## NCBI Official Symbol

CLE21

## NCBI Official Synonym Symbols

CLAVATA3/ESR-RELATED 21; MXK3.2; MXK3\_2

## NCBI Protein Information

CLAVATA3/ESR-RELATED 21

## NCBI Summary

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

## UniProt Gene Name

CLE21

## UniProt Protein Name

CLAVATA3/ESR (CLE)-related protein 21

## UniProt Primary Accession #

Q9LV97

## UniProt Related Accession #

Q9LV97

## UniProt Comments

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

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