

CLAVATA3/ESR (CLE)-related protein 42 (CLE42), Recombinant Protein

Cat *RP04680*

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

Species (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 42 (CLE42)

Product Gene Name

CLE42 recombinant protein

Product Synonym Gene Name

CLE42

Purity

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

Sequence

RTIDQTHQIG SNVQHVSDMA VTSPEGKRRE RFRVRRPMTT WLKGKMIGAN EHGVPSPGNP ISNR

Sequence Positions

25-88, 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

10,106 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_001318356.1

NCBI GI

1063702305

NCBI GenBank Nucleotide

NM_001336535.1

NCBI GeneID

28718327

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

CLAVATA3/ESR (CLE)-related protein 42 (CLE42), Recombinant Protein

Cat *RP04680*

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

NCBI Official Full Name
CLAVATA3/ESR-RELATED 42

UniProt Gene Name

CLE42

UniProt Protein Name

CLAVATA3/ESR (CLE)-related protein 42

UniProt Primary Accession

Q6IWB2

UniProt Comments

Extracellular signal peptide that regulates cell fate. Represses tracheary element differentiation but promotes the formation of procambial cells.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY