Late embryogenesis abundant protein D-19 (LOC107931767), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP19235*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

Species
Gossypium hirsutum (Upland cotton) (Gossypium mexicanum)

Full Product Name
Recombinant Gossypium hirsutum Late embryogenesis abundant protein D-19

Product Gene Name
LOC107931767 recombinant protein

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

Sequence
MASEQYQAMR NAPQEEKEEL DARAKQGETV VPGGTRGKSL DAQINLAEGR HKGGETRKQQ LGTEGYQEMG RKGGLSNSDM SGGERAADEG VTIDESKFRT KN

Sequence Positions
1-102, 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
11,072 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Late embryogenesis abundant protein

NCBI Accession
XP_016719188.1

NCBI GI
1028951618

NCBI GenBank Nucleotide
XM_016863699.1

NCBI GeneID
107931767

NCBI Official Full Name

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https://www.cd-biosciences.com/plant-protein/

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late embryogenesis abundant protein D-19

NCBI Official Symbol
LOC107931767

NCBI Official Synonym Symbols
Lea4-A; Lea4-A108

NCBI Protein Information
late embryogenesis abundant protein D-19

UniProt Gene Name
LEA D-19

UniProt Synonym Gene Names
LEA D-19

UniProt Protein Name
Late embryogenesis abundant protein D-19

UniProt Primary Accession
P09443

UniProt Related Accession
P09443

UniProt Comments
LEA proteins are late embryonic proteins abundant in higher plant seed embryos. There are two subsets of LEA proteins (5a and 5b), the first ones are expressed when the cotyledon weight reach 80 mg and the second set are expressed above 100 mg. The function of those proteins is not known.

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