Exocyst complex component SEC3B (SEC3B), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP05269*

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana Exocyst complex component SEC3B (SEC3B) , partial

Product Gene Name
SEC3B recombinant protein

Product Synonym Gene Name
SEC3B

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

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
99,922 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
Exocyst complex component

NCBI Accession
NP_175187.3

NCBI GI
334183112

NCBI GenBank Nucleotide
NM_103649.4

NCBI GeneID
841165

NCBI Official Full Name
exocyst complex component sec3B

NCBI Official Symbol
SEC3B

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NCBI Official Synonym Symbols
exocyst complex component sec3B; F16N3.16; F16N3_16

NCBI Protein Information
exocyst complex component sec3B

NCBI Summary
Encodes a member of the exocyst complex gene family. The exocyst is a protein complex involved in tethering vesicles to the plasma membrane during regulated or polarized secretion.

UniProt Gene Name
SEC3B

UniProt Synonym Gene Names
AtSec3b

UniProt Protein Name
Exocyst complex component SEC3B

UniProt Primary Accession
Q9SX86

UniProt Related Accession
Q9SX86

UniProt Comments
Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane during regulated or polarized secretion. Involved in polarized cell growth and organ morphogenesis. During cytokinesis, involved in cell plate initiation, cell plate maturation and formation of new primary cell wall.

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