Coatomer subunit beta'-2 (Os02g0209100, LOC_Os02g11840), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP14481*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Coatomer subunit beta'-2 (Os02g0209100, LOC_Os02g11840), partial

Product Gene Name
Os02g0209100 recombinant protein

Product Synonym Gene Name
Os02g0209100; LOC_Os02g11840

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
102,678 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.

NCBI Accession
Q6H8D5.1

NCBI GI
75123595

NCBI Official Full Name
Coatomer subunit beta'-2

UniProt Gene Name
Os02g0209100

UniProt Synonym Gene Names
Beta'-COP 2

UniProt Protein Name
Coatomer subunit beta'-2

UniProt Synonym Protein Names
Beta'-coat protein 2; Beta'-COP 2

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UniProt Primary Accession

Q6H8D5

UniProt Secondary Accession

Q0E2W0

UniProt Comments

The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network. Coatomer complex is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins .

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