

Coatomer subunit zeta-3 (Os01g0838800, LOC_Os01g62150), Recombinant Protein

Cat RP14295

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

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Oryza sativa subsp. japonica (Rice)
Cell)

Species

Full Product Name

Recombinant Oryza sativa subsp. japonica Coatomer subunit zeta-3 (Os01g0838800, LOC_Os01g62150)

Product Gene Name

Os01g0838800 recombinant protein

Product Synonym Gene Name

Os01g0838800; LOC_Os01g62150

Purity

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

Sequence

MESCPSVKNI LVLDSEGKRV AVKYYSDDWP SLSSKQAF EK SVFAKTQKTS ARTEAEIVMF DSYFVVYKFI
QDLHFFVTGG DEENELILAS VLQGFSEAID YLLRNKVHRR AALENLDLIF LCLDEVVDGG IVLETDKAI
LEKVS GHGLE GSGSLTEQKL SSALATAREH FARSIFS

Sequence Positions

1-177, 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

19,678 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

Coatomer

NCBI Accession

XP_015622411.1

NCBI GI

1002236442

NCBI GenBank Nucleotide

XM_015766925.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Coatomer subunit zeta-3 (Os01g0838800, LOC_Os01g62150), Recombinant Protein

Cat *RP14295*

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

NCBI GeneID

4327378 0.1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

coatomer subunit zeta-3

NCBI Official Symbol

LOC4327378

NCBI Protein Information

coatomer subunit zeta-3

UniProt Gene Name

Os01g0838800

UniProt Protein Name

Coatomer subunit zeta-3

UniProt Synonym Protein Names

Zeta-3-coat protein; Zeta-COP 3

UniProt Primary Accession

Q5NA06

UniProt Secondary Accession

Q0JHW6; A0A0P0VAB4; B7EMN5

UniProt Related Accession

Q5NA06

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 .

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY