Coatomer Subunit Beta (SEC26) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Coatomer subunit beta (SEC26), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Coatomer subunit beta (SEC26) , partial
Product Gene Name	SEC26 recombinant protein
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	109,019 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P41810
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SEC26 recombinant protein	MBS1238367 is a recombinant protein targeting SEC26. Also known as Recombinant Saccharomyces cerevisiae Coatomer subunit beta (SEC26) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SEC26 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SEC26. It may not necessarily be applicable to this product.

NCBI GI #	398366227
NCBI GeneID	851824
NCBI Accession #	NP_010524.3
UniProt Primary Accession #	P41810
UniProt Secondary Accession #	Q03779; D6VSL9
UniProt Related Accession #	P41810
GenBank Nucleotide #	NM_001180546.3
NCBI Official Full Name	coatomer subunit beta
NCBI Official Symbol	SEC26
UniProt Protein Name	Coatomer subunit beta

UniProt Synonym Protein Names	Beta-coat protein; Beta-COP
Protein Family	Coatomer
UniProt Gene Name	SEC26
UniProt Synonym Gene Names	Beta-COP
NCBI Protein Information	coatomer subunit beta
UniProt Comments for SEC26	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. Required for mitochondrial morphology.
Research Articles on SEC26	**1.** Together, these results indicate an essential function for the predicted betaCOP appendage and suggest that both COPI appendages perform a biologically active regulatory role with a structure related to adaptin-family appendage domains.
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