Cobalamin Synthase (cobS) Shewanella Halifaxensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cobalamin synthase (cobS), Recombinant Protein
Full Product Name	Recombinant Shewanella halifaxensis Cobalamin synthase (cobS), partial
Product Gene Name	cobS 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	27,882 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 B0TSP8
Species	Shewanella halifaxensis (strain HAW-EB4)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cobS recombinant protein	MBS7071315 is a recombinant protein targeting cobS. Also known as Recombinant Shewanella halifaxensis Cobalamin synthase (cobS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cobS 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 cobS. It may not necessarily be applicable to this product.

NCBI GI #	501235504
NCBI Accession #	WP_012278522.1
UniProt Primary Accession #	B0TSP8
GenBank Nucleotide #	WP_012278522.1
NCBI Official Full Name	adenosylcobinamide-GDP ribazoletransferase
UniProt Protein Name	Adenosylcobinamide-GDP ribazoletransferase
UniProt Synonym Protein Names	Cobalamin synthase
Protein Family	Adenosylcobinamide-GDP ribazoletransferase
UniProt Gene Name	cobS

UniProt Comments for cobS	Joins adenosylcobinamide-GDP and alpha-ribazole to generate adenosylcobalamin (Ado-cobalamin). Also synthesizes adenosylcobalamin 5'-phosphate from adenosylcobinamide-GDP and alpha-ribazole 5'-phosphate.
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