Carbon Monoxide Dehydrogenase (Coos), Partial (cooS) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Carbon monoxide dehydrogenase (cooS), partial, Recombinant Protein
Full Product Name	Recombinant Carbon monoxide dehydrogenase (cooS), partial
Product Gene Name	cooS recombinant protein
Product Synonym Names	Carbon monoxide dehydrogenase; CODH; EC=1.2.99.2
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	66,854 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 P31896
Species	Rhodospirillum rubrum
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cooS recombinant protein	MBS1228604 is a recombinant protein targeting cooS. Also known as Recombinant Carbon monoxide dehydrogenase (cooS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cooS 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 cooS. It may not necessarily be applicable to this product.

NCBI GI #	399279
NCBI Accession #	P31896.1
UniProt Primary Accession #	P31896
NCBI Official Full Name	Carbon monoxide dehydrogenase
UniProt Protein Name	Carbon monoxide dehydrogenase
Protein Family	Carbon monoxide dehydrogenase
UniProt Gene Name	cooS
UniProt Synonym Gene Names	CODH
UniProt Entry Name	COOS_RHORU

UniProt Comments for cooS	Allows growth in a CO-dependent manner in the dark. CODH oxidizes carbon monoxide coupled, via CooF, to the reduction of a hydrogen cation by a hydrogenase (possibly CooH).
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