Cob--Com Heterodisulfide Reductase 1 Iron-Sulfur Subunit A (hdrA) Methanosarcina Acetivorans Recombinant Protein

PRODUCT OVERVIEW

Product Name	CoB--CoM heterodisulfide reductase 1 iron-sulfur subunit A (hdrA), Recombinant Protein
Full Product Name	Recombinant Methanosarcina acetivorans CoB--CoM heterodisulfide reductase 1 iron-sulfur subunit A (hdrA), partial
Product Gene Name	hdrA recombinant protein
Product Synonym Gene Name	hdrA
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	86,918 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 Q8TM02
Species	Methanosarcina acetivorans (strain 35395 / DSM 2834 / JCM 12185 / C2A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hdrA recombinant protein	MBS1330585 is a recombinant protein targeting hdrA. Also known as Recombinant Methanosarcina acetivorans CoB--CoM heterodisulfide reductase 1 iron-sulfur subunit A (hdrA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hdrA 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 hdrA. It may not necessarily be applicable to this product.

NCBI GI #	499332328
NCBI Accession #	WP_011022820.1
UniProt Primary Accession #	Q8TM02
GenBank Nucleotide #	WP_011022820.1
NCBI Official Full Name	disulfide reductase
UniProt Protein Name	CoB--CoM heterodisulfide reductase 1 iron-sulfur subunit A
Protein Family	CoB--CoM heterodisulfide reductase

UniProt Gene Name	hdrA
UniProt Comments for hdrA	Part of a complex that catalyzes the reversible reduction of CoM-S-S-CoB to the thiol-coenzymes H-S-CoM (coenzyme M) and H-S-CoB (coenzyme B). May act as the catalytic subunit ().
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