2-Halobenzoate 1,2-Dioxygenase Electron Transfer Component (cbdC) Burkholderia Cepacia Recombinant Protein

PRODUCT OVERVIEW

Product Name	2-halobenzoate 1,2-dioxygenase electron transfer component (cbdC), Recombinant Protein
Full Product Name	Recombinant Burkholderia cepacia 2-halobenzoate 1,2-dioxygenase electron transfer component (cbdC)
Product Gene Name	cbdC recombinant protein
Product Synonym Gene Name	cbdC
Sequence	MLHSIALRFE DDVTYFITSS EHETVADAAY QHGIRIPLDC RNGVCGTCKG FCEHGEYDGG DYIEDALSAD EAREGFVLPC QMQARTDCVV RILASSSACQ VKKSTMTGQM TEIDRGSSST LQFTLAIDPS SKVDFLPGQY AQLRIPGTTE SRAYSYSSMP GSSHVTFLVR DVPNGKMSGY LRNQATITET FTFDGPYGAF YLREPVRPIL MLAGGTGLAP FLSMLQYMAG LQRNDLPSVR LVYGVNRDDD LVGLDKLDEL ATQLSGFSYI TTVVDKDSAQ LRRGYVTQQI TNDDMNGGDV DIYVCGPPPM VEAVRSWLAA EKLNPVNFYF EKFAPTVGN
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	37,265 Da
Sequence Positions	1-339, Full length protein
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 Q51603
Species	Burkholderia cepacia (Pseudomonas cepacia)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cbdC recombinant protein	MBS1413833 is a recombinant protein targeting cbdC. Also known as Recombinant Burkholderia cepacia 2-halobenzoate 1,2-dioxygenase electron transfer component (cbdC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cbdC 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 cbdC. It may not necessarily be applicable to this product.

NCBI GI #	24636269
NCBI Accession #	Q51603.1
UniProt Primary Accession #	Q51603

UniProt Secondary Accession #	O08068
NCBI Official Full Name	2-halobenzoate 1,2-dioxygenase electron transfer component
UniProt Protein Name	2-halobenzoate 1,2-dioxygenase electron transfer component
Protein Family	2-halobenzoate 1,2-dioxygenase electron transfer
UniProt Gene Name	cbdC
UniProt Comments for cbdC	Electron transfer component of 2-halobenzoate 1,2-dioxygenase system.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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