4-Hydroxyphenylacetate Decarboxylase Small Subunit (csdC) Clostridium Scatologenes Recombinant Protein

PRODUCT OVERVIEW

Product Name	4-hydroxyphenylacetate decarboxylase small subunit (csdC), Recombinant Protein
Full Product Name	Recombinant Clostridium scatologenes 4-hydroxyphenylacetate decarboxylase small subunit (csdC)
Product Gene Name	csdC recombinant protein
Product Synonym Gene Name	csdC
Sequence	MRHYDCKNYI NLDCEKGLCA LTKGMVPIDG EGSEACPNFK PAEKCGNCKN FCNPDKYGLG TCTGLEKENW AYATCGASAC PSYKAE
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	9,343 Da
Sequence Positions	1-86, 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 Q38HX3
Species	Clostridium scatologenes
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for csdC recombinant protein	MBS1469567 is a recombinant protein targeting csdC. Also known as Recombinant Clostridium scatologenes 4-hydroxyphenylacetate decarboxylase small subunit (csdC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of csdC 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 csdC. It may not necessarily be applicable to this product.

NCBI GI #	656214193
NCBI Accession #	WP_029163540.1
UniProt Primary Accession #	Q38HX3
GenBank Nucleotide #	WP_029163540.1
NCBI Official Full Name	4-hydroxyphenylacetate decarboxylase
UniProt Protein Name	4-hydroxyphenylacetate decarboxylase small subunit

UniProt Synonym Protein Names	p-hydroxyphenylacetate decarboxylase small subunit
UniProt Gene Name	csdC
UniProt Comments for csdC	Decarboxylates phenylacetates with a hydroxyl group in the p-position. Active toward 4-hydroxyphenylacetate and 3,4-dihydroxyphenylacetate, forming 4-methylphenol and 4-methylcatechol respectively.
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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