NADH-Cytochrome B5 Reductase 1 (CBR1) Candida Glabrata Recombinant Protein

PRODUCT OVERVIEW

Product Name	NADH-cytochrome b5 reductase 1 (CBR1), Recombinant Protein
Full Product Name	Recombinant Candida glabrata NADH-cytochrome b5 reductase 1 (CBR1)
Product Gene Name	CBR1 recombinant protein
Product Synonym Gene Name	CBR1; CAGL0L00847g
Product Synonym Names	NADH-cytochrome b5 reductase 1; EC=1.6.2.2; Microsomal cytochrome b reductase
Sequence	MDGIKILATF SVLVLFYKLF TYSKKGGVSQ KEAVKALLKT EFREFELVEK EQLTHNTAKY KFKLADESHV LGLPIGQHIT VKTIIGGKPV SRSYTPTSLD EECVGFFELL VKSYPEGNIS KHIGDMKIGE KINISGPRGF YEYVPNVHKH LAMVAGGTGI TPMFQIMKAI ARDPSDKTRV TLLYGNVLEE DILLKQELDD LVKQRPDQFK ITYLLDKPER DDWEGGVGYV TLDLMKESFP SAEEDVQLLV CGPPGMVSSV KRNAVALGFP RAKPVSKMED RVFVF
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	31,937 Da
Sequence Positions	1-285
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 Q6FLT3
Species	Candida glabrata (strain 2001 / CBS 138 / JCM 3761 / NBRC 0622 / NRRL Y-65) (Yeast) (Torulopsis glabrata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CBR1 recombinant protein	MBS1344460 is a recombinant protein targeting CBR1. Also known as Recombinant Candida glabrata NADH-cytochrome b5 reductase 1 (CBR1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CBR1 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 CBR1. It may not necessarily be applicable to this product.

NCBI GI #	50292757
NCBI GeneID	2890933
NCBI Accession #	XP_448811.1
UniProt Primary Accession #	Q6FLT3

UniProt Related Accession #	Q6FLT3
GenBank Nucleotide #	XM_448811.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	CAGL0L00847g
UniProt Protein Name	NADH-cytochrome b5 reductase 1
UniProt Synonym Protein Names	Microsomal cytochrome b reductase
Protein Family	Carbonyl reductase
UniProt Gene Name	CBR1
UniProt Synonym Gene Names	CAGL0L00847g
UniProt Entry Name	NCB5R_CANGA
NCBI Protein Information	hypothetical protein
UniProt Comments for CBR1	Electron donor reductase for cytochrome b5. The cytochrome b5/NADH cytochrome b5 reductase electron transfer system supports the catalytic activity of several sterol biosynthetic enzymes ().
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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