Cytosolic Fe-S Cluster Assembly Factor CFD1 (CFD1) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytosolic Fe-S cluster assembly factor CFD1 (CFD1), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Cytosolic Fe-S cluster assembly factor CFD1 (CFD1)
Product Gene Name	CFD1 recombinant protein
Product Synonym Gene Name	CFD1; DEHA2B09416g
Product Synonym Names	Cytosolic Fe-S cluster assembly factor CFD1; Cytosolic Fe-S cluster-deficient protein 1
Sequence	MDTSEPQESP KSLSNVKHII LILSGKGGVG KSSVTTQTAL TLVNKGFNTG VLDIDLTGPS LPRMFGVETK QVHQSSAGWV PVSVYNNGQE KNEENKRGNL SLMSLGFLIG NRNSSVVWRG PKKTAMIRQF LKDVVWSGGE NNVPLDYLLI DTPPGTSDEH IAIAEELRWA NPDGAIIVTT PQQVATADVR KEINFCKKVN FDVLGVVENM SGFICPHCSE CTNIFSSGGG KELSEKLDLQ FLGNIPIDPS FVEMVEMQDN DQNDGKKKLV DLYDDCELKG IMEGIVDKVL EQQHPARF
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	32,663 Da
Sequence Positions	1-298aa; 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 Q6BWQ9
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CFD1 recombinant protein	MBS1392508 is a recombinant protein targeting CFD1. Also known as Recombinant Debaryomyces hansenii Cytosolic Fe-S cluster assembly factor CFD1 (CFD1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CFD1 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 CFD1. It may not necessarily be applicable to this product.

NCBI GI #	294655251
NCBI GeneID	2913283

NCBI Accession #	XP_457360.2
UniProt Primary Accession #	Q6BWQ9
UniProt Related Accession #	Q6BWQ9
GenBank Nucleotide #	XM_457360.1
NCBI Official Full Name	DEHA2B09416p
NCBI Official Symbol	DEHA2B09416g
UniProt Protein Name	Cytosolic Fe-S cluster assembly factor CFD1
UniProt Synonym Protein Names	Cytosolic Fe-S cluster-deficient protein 1
Protein Family	Cytosolic Fe-S cluster assembly factor
UniProt Gene Name	CFD1
UniProt Entry Name	CFD1_DEBHA
NCBI Protein Information	DEHA2B09416p
UniProt Comments for CFD1	Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NBP35-CFD1 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins. Required for biogenesis and export of both ribosomal subunits, which may reflect a role in assembly of the Fe/S clusters in RLI1, a protein which performs rRNA processing and ribosome export.
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