Uncharacterized Oxidoreductase W01c9.4 (W01c9.4) (W01C9.4) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized oxidoreductase W01C9.4 (W01C9.4), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans Uncharacterized oxidoreductase W01C9.4 (W01C9.4)
Product Gene Name	W01C9.4 recombinant protein
Product Synonym Gene Name	W01C9.4
Sequence	MACKNPKKFF PIRKSPVLRD GAFKGKLVLV TGGGTGIGKA IATTFAHLRA TVVIAARRME KLEQTARDIT KITGGTCEPF QMDIKDPGMV SDAFDKIDMK FGKVPEILVN NAAGNFIMAT ELLSSNAYGT IIDIVLKGTF NVTTELGKRC IQNKTGASIT SITAGYARAG APFIVPSAVS KAGVETMTKS LATEWSKYGL RFNAVSPGPI PTKGAWGRLN SGEMGDIAEK MKFLNPEGRV GSPEEVANLV AFISSDHMSF LNGAIIDLDG GQQHFNHGSH MGDFLHSWDH KNWEDAENLI RGRTGKEKA
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	33,263 Da
Sequence Positions	1-309, Full length
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 Q23116
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for W01C9.4 recombinant protein	MBS1380068 is a recombinant protein targeting W01C9.4. Also known as Recombinant Caenorhabditis elegans Uncharacterized oxidoreductase W01C9.4 (W01C9.4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of W01C9.4 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 W01C9.4. It may not necessarily be applicable to this product.

NCBI GI #	17536651
NCBI GeneID	189090
NCBI Accession #	NP_495805.1

UniProt Primary Accession #	Q23116
UniProt Related Accession #	Q23116
GenBank Nucleotide #	NM_063404.1
NCBI Official Full Name	Probable 2,4-dienoyl-CoA reductase decr-1.2
NCBI Official Symbol	decr-1.2
UniProt Protein Name	Probable 2,4-dienoyl-CoA reductase decr-1.2
UniProt Gene Name	decr-1.2
NCBI Protein Information	Probable 2,4-dienoyl-CoA reductase decr-1.2
UniProt Comments for W01C9.4	Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.
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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