Citrate Synthase, Mitochondrial (cs) Thunnus Obesus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Citrate synthase, mitochondrial (cs), Recombinant Protein
Full Product Name	Recombinant Thunnus obesus Citrate synthase, mitochondrial (cs)
Product Gene Name	cs recombinant protein
Product Synonym Gene Name	cs
Sequence	ASTTNLKDVL ADLIPKEQSR IKNFKQQYGK TNIGQITVDM VYGGMRGMKG LVYETSVLDP EEGIRFRGYS IPECQKLLPK APGGEEPLPE GLFWLLVTGQ VPTEEQVNWV SKEWAKRAAL PSHVVTMLDN FPTNLHPMSQ FSAAITALNS ESSFARAYSE GVHKTKYWEF VYEDSMDLIA KLPCIAAKIY RNLYREGSSI GAIDSNLDWS HNFTNMLGYS EAQFTELMRL YLTIHSDHEG GNVSAHTSHL VGSALSDPYL SFSAAMNGLA GPLHGLANQE VLVWLTALQK EMGGEVSDER MRDYIWNTLK SGRVVPGYGH AVLRKTDPRY TCQREFALKH LPNDPMFKLV AQLYKIVPNV LLEQGKAKNP WPNVDAHSGV LLQYYGMTEM NYYTVLFGVS RALGVLAQLV WSRALGFPLE RPKSMSTEGL MTLVGAKSG
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	52,191 Da
Sequence Positions	31-469, 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 Q6S9V8
Species	Thunnus obesus (Bigeye tuna)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cs recombinant protein	MBS1421290 is a recombinant protein targeting cs. Also known as Recombinant Thunnus obesus Citrate synthase, mitochondrial (cs). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cs 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 cs. It may not necessarily be applicable to this product.

NCBI GI #	82127149
NCBI Accession #	Q6S9V8.1
UniProt Primary Accession #	Q6S9V8
NCBI Official Full Name	Citrate synthase, mitochondrial

UniProt Protein Name	Citrate synthase, mitochondrial
UniProt Synonym Protein Names	Citrate (Si)-synthase
UniProt Gene Name	cs
UniProt Comments for cs	MiscellaneousCitrate synthase is found in nearly all cells capable of oxidative metabolism.
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