Uricase (UOX) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uricase (UOX), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis Uricase (UOX)
Product Gene Name	UOX recombinant protein
Product Synonym Gene Name	UOX
Sequence	ADYHNNYKKN DELEFVRTGY GKDMVKVLHI QRDGKYHSIK EVATSVQLTL SSKKDYLHGD NSDIIPTDTI KNTVHVLAKF KGIKSIEAFG VNICEYFLSS FNHVIRAQVY VEEIPWKRLE KNGVKHVHAF IHTPTGTHFC EVEQLRSGPP VIHSGIKDLK VLKTTQSGFE GFIKDQFTTL PEVKDRCFAT QVYCKWRYHQ CRDVDFEATW GTIRDLVLEK FAGPYDKGEY SPSVQKTLYD IQVLSLSRVP EIEDMEISLP NIHYFNIDMS KMGLINKEEV LLPLDNPYGK ITGTVKRKLS SRL
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	34,978 Da
Sequence Positions	2-304aa; Full Length of Mature 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 Q8MHW6
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UOX recombinant protein	MBS1333432 is a recombinant protein targeting UOX. Also known as Recombinant Macaca fascicularis Uricase (UOX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UOX 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 UOX. It may not necessarily be applicable to this product.

NCBI GI #	544404812
NCBI GeneID	102117077
NCBI Accession #	XP_005542943.1
UniProt Primary Accession #	Q8MHW6
UniProt Related Accession #	Q8MHW6

GenBank Nucleotide #	XM_005542886.1
NCBI Official Full Name	uricase isoform X1
NCBI Official Symbol	LOC102117077
NCBI Official Synonym Symbols	Uox
UniProt Protein Name	Uricase
UniProt Synonym Protein Names	Urate oxidase
UniProt Gene Name	UOX
NCBI Protein Information	uricase
UniProt Comments for UOX	Catalyzes the oxidation of uric acid to 5-hydroxyisourate, which is further processed to form (S)-allantoin.
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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