Uricase (URO) Drosophila Subobscura Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uricase (Uro), Recombinant Protein
Full Product Name	Recombinant Drosophila subobscura Uricase (Uro)
Product Gene Name	Uro recombinant protein
Sequence	LRQPSSASNR TAASLDGQET PFQYEITDHG YGKDAVKVLH VSRKGPVHTI QEFEVGTHLK LYSKKDYYQG NNSDIVATDS QKNTVYLLAK KYGIESPEKF ALLLGQHFLN KYSHVEEAHV HVETYPWQRV CQEETKASTT VGQGSCNFSS IDNRSLHNHA FIFTPTALHY CDVVIXRQDP KQTVITGIKG LRVLKTTQSS FVNFVNDEXR SLPDQYDRIF STVVDCSWEY SDTDTVNFSR AWQQVKNIIL RNFAGDPQVG VSSPSVQHTL YLSEKQVLDV IPQVSVISMT MPNKHYFNFD TKPFQQIVPG DNNEVFIPVD KPHGTIYAQL ARKNLNSHL
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	38,437 Da
Sequence Positions	1-339, 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 O44111
Species	Drosophila subobscura (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Uro recombinant protein	MBS1049561 is a recombinant protein targeting Uro. Also known as Recombinant Drosophila subobscura Uricase (Uro). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Uro 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 Uro. It may not necessarily be applicable to this product.

NCBI GI #	6136150
NCBI Accession #	O44111.1
UniProt Primary Accession #	O44111
NCBI Official Full Name	Uricase
UniProt Protein Name	Uricase
UniProt Synonym Protein Names	Urate oxidase

UniProt Gene Name	Uro
UniProt Synonym Gene Names	UO
UniProt Comments for Uro	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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