Orotidine 5'-Phosphate Decarboxylase (URA3) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Orotidine 5'-phosphate decarboxylase (URA3), Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii Orotidine 5'-phosphate decarboxylase (URA3)
Product Gene Name	URA3 recombinant protein
Product Synonym Gene Name	URA3; AEL059W
Product Synonym Names	Orotidine 5'-phosphate decarboxylase; EC=4.1.1.23; OMP decarboxylase; OMPDCase; OMPdecase; Uridine 5'-monophosphate synthase; UMP synthase
Sequence	MSTKSYAERA KAHNSPVARK LLALMHEKKT NLCASLDVRT SRKLLELADT LGPHICLLKT HVDILTDFDI ETTVKPLQQL AAKHNFMIFE DRKFADIGNT VKLQYSSGVY RIAEWADITN AHGVTGPGVI AGLKEAAKLA SQEPRGLLML AELSSQGSLA RGDYTAGVVE MAKLDKDFVI GFIAQRDMGG RADGFDWLIM TPGVGLDDKG DGLGQQYRTV DEVVSDGTDV IIVGRGLFDK GRDPNVEGAR YRKAGWEAYL RRIGETS
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	29,210 Da
Sequence Positions	1-267aa; 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 Q757S1
Species	Ashbya gossypii (strain 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for URA3 recombinant protein	MBS1379048 is a recombinant protein targeting URA3. Also known as Recombinant Ashbya gossypii Orotidine 5'-phosphate decarboxylase (URA3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of URA3 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 URA3. It may not necessarily be applicable to this product.

NCBI GI #	45190548
NCBI GeneID	4620994
NCBI Accession #	NP_984802.1
UniProt Primary Accession #	Q757S1

UniProt Related Accession #	Q757S1
GenBank Nucleotide #	NM_210156.1
NCBI Official Full Name	AEL059Wp
NCBI Official Symbol	AGOS_AEL059W
UniProt Protein Name	Orotidine 5'-phosphate decarboxylase
UniProt Synonym Protein Names	OMP decarboxylase; OMPDCase; OMPdecase; Uridine 5'-monophosphate synthase; UMP synthase
UniProt Gene Name	URA3
UniProt Synonym Gene Names	OMPDCase; OMPdecase; UMP synthase
UniProt Entry Name	PYRF_ASHGO
NCBI Protein Information	AEL059Wp
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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