Protein URE2 (URE2) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein URE2 (URE2), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Protein URE2 (URE2)
Product Gene Name	URE2 recombinant protein
Product Synonym Gene Name	URE2; DEHA2F07744g
Product Synonym Names	Protein URE2
Sequence	MTNNNSNSNN NQTISNLSAG LKSVNLADQQ QNEVNLNLLQ QQLQNEATTQ QSQSRISQFF QNQPTEGYTL FSHRSAPNGF KVAIILSELN LPFNTIFLDF NNGEQRAPEF VTINPNARVP ALIDHFNENT SIWESGAIIL YLVSKYLKDN GECALWSDNL IEQSQISSWL FFQTSGHAPM IGQALHFRYF HSCPVPSAVE RYTDEVRRVY GVIEMALAER REALIMDLDV ENAAAYSAGT TPLSQSRYFD YPVWLVGDRA TVADLSFVPW NNVVDRIGIN LKVEFPEVYK WTKYMMRRPA VIRALRGD
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	34,996 Da
Sequence Positions	1-308aa; 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 Q6BM74
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for URE2 recombinant protein	MBS1388340 is a recombinant protein targeting URE2. Also known as Recombinant Debaryomyces hansenii Protein URE2 (URE2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of URE2 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 URE2. It may not necessarily be applicable to this product.

NCBI GI #	294658360
NCBI GeneID	2903499
NCBI Accession #	XP_460697.2

UniProt Primary Accession #	Q6BM74
UniProt Related Accession #	Q6BM74
GenBank Nucleotide #	XM_460697.1
NCBI Official Full Name	DEHA2F07744p
NCBI Official Symbol	DEHA2F07744g
UniProt Protein Name	Protein URE2
Protein Family	Protein
UniProt Gene Name	URE2
UniProt Entry Name	URE2_DEBHA
NCBI Protein Information	DEHA2F07744p
UniProt Comments for URE2	Plays an important role in the cellular response to the nitrogen source. URE2 gene plays a major part in the repression of GLN1 and GDH2 genes by glutamine, and is required for the inactivation of glutamine synthetase. URE2 gene product may catalytically inactivate GLN3 in response to an increase in the intracellular concentration of glutamine ().
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