Pre-Mrna-Splicing ATP-Dependent RNA Helicase PRP28 (PRP28), Partial (PRP28) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pre-mRNA-splicing ATP-dependent RNA helicase PRP28 (PRP28), partial, Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Pre-mRNA-splicing ATP-dependent RNA helicase PRP28 (PRP28), partial
Product Gene Name	PRP28 recombinant protein
Product Synonym Gene Name	PRP28; DEHA2F10538g
Product Synonym Names	Pre-mRNA-splicing ATP-dependent RNA helicase PRP28; EC=3.6.4.13
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	66,188 Da
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 Q6BLU9
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 PRP28 recombinant protein	MBS1342508 is a recombinant protein targeting PRP28. Also known as Recombinant Debaryomyces hansenii Pre-mRNA-splicing ATP-dependent RNA helicase PRP28 (PRP28), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PRP28 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 PRP28. It may not necessarily be applicable to this product.

NCBI GI #	294658482
NCBI GeneID	2904336
NCBI Accession #	XP_460822.2
UniProt Primary Accession #	Q6BLU9
UniProt Related Accession #	Q6BLU9
GenBank Nucleotide #	XM_460822.1

NCBI Official Full Name	DEHA2F10538p
NCBI Official Symbol	DEHA2F10538g
UniProt Protein Name	Pre-mRNA-splicing ATP-dependent RNA helicase PRP28
Protein Family	Pre-mRNA-splicing ATP-dependent RNA helicase
UniProt Gene Name	PRP28
UniProt Synonym Gene Names	DEHA2F10538g
UniProt Entry Name	PRP28_DEBHA
NCBI Protein Information	DEHA2F10538p
UniProt Comments for PRP28	ATP-dependent RNA helicase involved in mRNA splicing. May destabilize the U1/5'-splice site duplex to permit an effective competition for the 5'-splice site by the U6 snRNA, resulting in the switch between U1 and U6 at the 5'-splice site. May also act to unwind the U4/U6 base-pairing interaction in the U4/U6/U5 snRNP, facilitating the first covalent step of splicing ().
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