Lariat Debranching Enzyme (DBR1) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lariat debranching enzyme (DBR1), Recombinant Protein
Full Product Name	Recombinant Chicken Lariat debranching enzyme (DBR1), partial
Product Gene Name	DBR1 recombinant protein
Product Synonym Gene Name	DBR1
Sequence	MKVAVAGCCH GALDKMYETL ELLQRRHNVR PDLLLCCGDF QAVRNEADLR CMAVPAKYRH MQTFYRYYSG EKKAPVLTVF IGGNHEASNH LQELPYGGWV APNIYYLGYA GVVRFRGVRI GGISGIFKSH DYRKGHFECP PYNQQTIRSA YHVRNIEVFK LKQLKHPMDI FMSHDWPQSI YHYGNKKQLL KMKSFFRQEV
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	60,777 Da
Sequence Positions	1-200aa, Partial
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 Q5ZLM2
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DBR1 recombinant protein	MBS1374811 is a recombinant protein targeting DBR1. Also known as Recombinant Chicken Lariat debranching enzyme (DBR1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DBR1 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 DBR1. It may not necessarily be applicable to this product.

NCBI GI #	71896037
NCBI GeneID	429118
NCBI Accession #	NP_001026737.1
UniProt Primary Accession #	Q5ZLM2
UniProt Related Accession #	Q5ZLM2
GenBank Nucleotide #	NM_001031566.1

NCBI Official Full Name	lariat debranching enzyme
NCBI Official Synonym Full Names	debranching RNA lariats 1
NCBI Official Symbol	DBR1
UniProt Protein Name	Lariat debranching enzyme
Protein Family	Lariat debranching enzyme
UniProt Gene Name	DBR1
NCBI Protein Information	lariat debranching enzyme
UniProt Comments for DBR1	Cleaves the 2'-5' phosphodiester linkage at the branch point of lariat intron pre-mRNAs after splicing and converts them into linear molecules that are subsequently degraded. It thereby facilitates ribonucleotide turnover. It may also participate in retrovirus replication via an RNA lariat intermediate in cDNA synthesis ().
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