ATP-Dependent RNA Helicase Dhx29 (DHX29) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase Dhx29 (Dhx29), Recombinant Protein
Full Product Name	Recombinant Mouse ATP-dependent RNA helicase Dhx29 (Dhx29) , partial
Product Gene Name	Dhx29 recombinant protein
Product Synonym Gene Name	Dhx29
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	153,975 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 Q6PGC1
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Dhx29 recombinant protein	MBS1340984 is a recombinant protein targeting Dhx29. Also known as Recombinant Mouse ATP-dependent RNA helicase Dhx29 (Dhx29) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Dhx29 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 Dhx29. It may not necessarily be applicable to this product.

NCBI GI #	46852276
NCBI GeneID	218629
NCBI Accession #	NP_766182.2
UniProt Primary Accession #	Q6PGC1
UniProt Secondary Accession #	Q8BQJ4; Q8BT01; Q8C9B7; Q8C9H9
UniProt Related Accession #	Q6PGC1
GenBank Nucleotide #	NM_172594.2
NCBI Official Full Name	ATP-dependent RNA helicase Dhx29
NCBI Official Synonym Full Names	DEAH (Asp-Glu-Ala-His) box polypeptide 29

NCBI Official Symbol	Dhx29
NCBI Official Synonym Symbols	Ddxx; AU043276; 3732415M03; E130202M19Rik
UniProt Protein Name	ATP-dependent RNA helicase DHX29
UniProt Synonym Protein Names	DEAH box protein 29
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	Dhx29
NCBI Protein Information	ATP-dependent RNA helicase Dhx29
UniProt Comments for Dhx29	ATP-binding RNA helicase involved in translation initiation. Part of the 43S pre-initiation complex that is required for efficient initiation on mRNAs of higher eukaryotes with structured 5'-UTRs by promoting efficient NTPase-dependent 48S complex formation. Specifically binds to the 40S ribosome near the mRNA entrance. Does not possess a processive helicase activity.
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