Putative ATP-Dependent RNA Helicase TDRD9 (TDRD9) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ATP-dependent RNA helicase TDRD9 (TDRD9), Recombinant Protein
Full Product Name	Recombinant Human Putative ATP-dependent RNA helicase TDRD9 (TDRD9) , partial
Product Gene Name	TDRD9 recombinant protein
Product Synonym Gene Name	TDRD9
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	134,466 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 Q8NDG6
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TDRD9 recombinant protein	MBS1379655 is a recombinant protein targeting TDRD9. Also known as Recombinant Human Putative ATP-dependent RNA helicase TDRD9 (TDRD9) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TDRD9 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 TDRD9. It may not necessarily be applicable to this product.

NCBI GI #	166851804
NCBI GeneID	122402
NCBI Accession #	NP_694591.2
UniProt Primary Accession #	Q8NDG6
UniProt Secondary Accession #	Q6ZU54; Q8N7T3; Q8N827; Q8N9V5; Q96AS9; A1A4S7
UniProt Related Accession #	Q8NDG6
GenBank Nucleotide #	NM_153046.2
NCBI Official Full Name	ATP-dependent RNA helicase TDRD9
NCBI Official Synonym Full Names	tudor domain containing 9

NCBI Official Symbol	TDRD9
NCBI Official Synonym Symbols	HIG-1; NET54; C14orf75
UniProt Protein Name	ATP-dependent RNA helicase TDRD9
UniProt Synonym Protein Names	Tudor domain-containing protein 9Curated
Protein Family	Putative ATP-dependent RNA helicase
UniProt Gene Name	TDRD9
NCBI Protein Information	ATP-dependent RNA helicase TDRD9; putative ATP-dependent RNA helicase TDRD9
UniProt Comments for TDRD9	ATP-binding RNA helicase required during spermatogenesis (PubMed:28536242). Required to repress transposable elements and prevent their mobilization, which is essential for the germline integrity. Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons. Acts downstream of piRNA biogenesis: exclusively required for transposon silencing in the nucleus, suggesting that it acts as a nuclear effector in the nucleus together with PIWIL4.
Research Articles on TDRD9	**1.** Observational study and genome-wide association study of gene-disease association. (HuGE Navigator)
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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