Probable ATP-Dependent RNA Helicase DDX59 (DDX59) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable ATP-dependent RNA helicase DDX59 (DDX59), Recombinant Protein
Full Product Name	Recombinant Human Probable ATP-dependent RNA helicase DDX59 (DDX59)
Product Gene Name	DDX59 recombinant protein
Product Synonym Gene Name	DDX59
Sequence	MFVPRSLKIK RNANDDGKSC VAKIIKPDPE DLQLDKSRDV PVDAVATEAA TIDRHISESC PFPSPGGQLA EVHSVSPEQG AKDSHPSEEP VKSFSKTQRW AEPGEPICVV CGRYGEYICD KTDEDVCSLE CKAKHLLQVK EKEEKSKLSN PQKADSEPES PLNASYVYKE HPFILNLQED QIENLKQQLG ILVQGQEVTR PIIDFEHCSL PEVLNHNLKK SGYEVPTPIQ MQMIPVGLLG RDILASADTG SGKTAAFLLP VIMRALFESK TPSALILTPT RELAIQIERQ AKELMSGLPR MKTVLLVGGL PLPPQLYRLQ QHVKVIIATP GRLLDIIKQS SVELCGVKIV VVDEADTMLK MGFQQQVLDI LENIPNDCQT ILVSATIPTS IEQLASQLLH NPVRIITGEK NLPCANVRQI ILWVEDPAKK KKLFEILNDK KLFKPPVLVF VDCKLGADLL SEAVQKITGL KSISIHSEKS QIERKNILKG LLEGDYEVVV STGVLGRGLD LISVRLVVNF DMPSSMDEYV HQIGRVGRLG QNGTAITFIN NNSKRLFWDI AKRVKPTGSI LPPQLLNSPY LHDQKRKEQQ KDKQTQNDLV TGANLMDIIR KHDKSNSQK
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	64,572 Da
Sequence Positions	1-619, 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.
OMIM	174300
3D Structure	ModBase 3D Structure for Q5T1V6
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DDX59 recombinant protein	MBS1432266 is a recombinant protein targeting DDX59. Also known as Recombinant Human Probable ATP-dependent RNA helicase DDX59 (DDX59). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DDX59 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 DDX59. It may not necessarily be applicable to this product.

NCBI GI #	188035877

NCBI GeneID	83479
NCBI Accession #	NP_001026895.2
UniProt Primary Accession #	Q5T1V6
UniProt Secondary Accession #	Q6PJL2; Q8IVW3; Q9H0W3
UniProt Related Accession #	Q5T1V6
GenBank Nucleotide #	NM_001031725.5
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX59 isoform 1
NCBI Official Synonym Full Names	DEAD-box helicase 59
NCBI Official Symbol	DDX59
NCBI Official Synonym Symbols	OFD5; ZNHIT5
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX59
UniProt Synonym Protein Names	DEAD box protein 59; Zinc finger HIT domain-containing protein 5
Protein Family	Probable ATP-dependent RNA helicase
UniProt Gene Name	DDX59
UniProt Synonym Gene Names	ZNHIT5
NCBI Protein Information	probable ATP-dependent RNA helicase DDX59
Research Articles on DDX59	**1.** Study presents evidence that DDX59 protein can be upregulated by MEK/ERK/MAP kinase pathway downstream of EGFR and Ras signaling. Increased expression of DDX59 mediates the tumorigenecity of EGFR and Ras in lung cancer.
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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