Probable ATP-Dependent RNA Helicase Spindle-E (spn-E) Drosophila Pseudoobscura Pseudoobscura Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable ATP-dependent RNA helicase spindle-E (spn-E), Recombinant Protein
Full Product Name	Recombinant Drosophila pseudoobscura pseudoobscura Probable ATP-dependent RNA helicase spindle-E (spn-E), partial
Product Gene Name	spn-E recombinant protein
Product Synonym Gene Name	spn-E
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	164,469 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 Q296Q5
Species	Drosophila pseudoobscura pseudoobscura (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for spn-E recombinant protein	MBS1329228 is a recombinant protein targeting spn-E. Also known as Recombinant Drosophila pseudoobscura pseudoobscura Probable ATP-dependent RNA helicase spindle-E (spn-E), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of spn-E 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 spn-E. It may not necessarily be applicable to this product.

NCBI GI #	198453599
NCBI GeneID	4802318
NCBI Accession #	XP_001359258.2
UniProt Primary Accession #	Q296Q5
UniProt Related Accession #	Q296Q5
GenBank Nucleotide #	XM_001359221.3
NCBI Official Full Name	uncharacterized protein Dpse_GA16329

NCBI Official Symbol	DpseGA16329
NCBI Official Synonym Symbols	dpse_GLEANR_5930; GA16329
UniProt Protein Name	Probable ATP-dependent RNA helicase spindle-E
UniProt Synonym Protein Names	Homeless
Protein Family	Probable ATP-dependent RNA helicase
UniProt Gene Name	spn-E
UniProt Synonym Gene Names	hls
NCBI Protein Information	GA16329 gene product from transcript GA16329-RA
UniProt Comments for spn-E	Probable ATP-binding RNA helicase which plays a central role during spermatogenesis and oogenesis by repressing transposable elements and preventing 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 and govern the methylation and subsequent repression of transposons. Involved in the repression of LTR retrotransposon copia. Also involved in telomere regulation by repressing specialized telomeric retroelements HeT-A, TAHRE, and TART; Drosophila telomeres being maintained by transposition of specialized telomeric retroelements. Involved in telomeric trans-silencing, a repression mechanism by which a transposon or a transgene inserted in subtelomeric heterochromatin has the capacity to repress in trans in the female germline, a homologous transposon, or transgene located in euchromatin. Involved in the repression of testis-expressed Stellate genes by the homologous Su(Ste) repeats. Required for anteroposterior and dorsoventral axis formation during oogenesis ().
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/probable-atp-dependent-rna-helicase-spindle-e-spn-e/1329228