Heterogeneous Nuclear Ribonucleoprotein D-Like (HNRPDL) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Heterogeneous nuclear ribonucleoprotein D-like (HNRPDL), Recombinant Protein
Full Product Name	Recombinant Chicken Heterogeneous nuclear ribonucleoprotein D-like (HNRPDL)
Product Gene Name	HNRPDL recombinant protein
Product Synonym Gene Name	HNRPDL
Sequence	MEDATEMSGG AEEFAEGSKI NASKNQQDDG KMFIGGLSWD TSKKDLTEYL SRFGEVVDCT IKTDPVTGRS RGFGFVLFKD AASVEKVLEL KEHKLDGKLI DPKRAKALKG KEPPKKVFVG GLSPDTSEEQ IKEYFGAFGE IENIELPMDT KTNERRGFCF ITYTDEEPVK KLLESRYHQI GSGKCEIKVA QPKEVYRQQQ QQQKGGKSNA SGGRGGGRGR GRGQGQNWNQ GFNNYYDQGY GNYNSAYSDQ SYSGYGGYDY SGYNYPNYGY GPGYTDYSGQ QSTYGKASRG GGNHQNNYQP Y
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	33,444 Da
Sequence Positions	1-301, 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.
3D Structure	ModBase 3D Structure for Q5ZI72
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HNRPDL recombinant protein	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. This protein has two RRM domains that bind to RNAs. Two alternatively spliced transcript variants have been described for this gene. One of the variants is probably not translated because the transcript is a candidate for nonsense-mediated mRNA decay. This protein is similar to its family member HNRPD.
Other Notes	Small volumes of HNRPDL 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.
Searchable Terms for HNRPDL purchase	MBS1424436 is a recombinant protein targeting HNRPDL. Also known as Recombinant Chicken Heterogeneous nuclear ribonucleoprotein D-like (HNRPDL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HNRPDL. It may not necessarily be applicable to this product.

NCBI GI #	71896741
NCBI GeneID	422601
NCBI Accession #	NP_001026313.1
UniProt Primary Accession #	Q5ZI72
UniProt Related Accession #	Q5ZI72
GenBank Nucleotide #	NM_001031142.1
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein D-like
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein D like
NCBI Official Symbol	HNRNPDL
NCBI Official Synonym Symbols	HNRPDL; hnRNP DL
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein D-like
UniProt Gene Name	HNRNPDL
UniProt Synonym Gene Names	HNRPDL; hnRNP D-like; hnRNP DL
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein D-like
UniProt Comments for HNRPDL	Acts as a transcriptional regulator. Binds DNA and RNA ().
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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