

Recombinant Human HNRPDL Protein, GST-tagged

Cat. No. HNRPDL-4915H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRPDL full-length ORF (AAH11714.1, 1 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. The protein encoded by this gene 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. The protein encoded by this gene is similar to its family member HNRPD. [provided by RefSeq]
Molecular Mass	72.8 kDa
AA Sequence	MEVPPRLSHVPPPLFPSAPATLASRSLSHWRPRPPRQLAPLLPSLAPSSARQGARR AQRHVTAQQPSRLAGGAAIKGGRRRRPDLFRRHFKSSSIQRSAAAAAATRTARQHP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PADSSVTMEDMNEYSNIEEFAEGSKINASKNQDDGKMFIGGLSWDTSKKDLTEYL
 SRFGEVVDCTIKTDPVTGRSRGFGFVLFKDAASVDKVLLEKEHKLDGKLIDPKRAKA
 LKGKEPPKKVFGGLSPDTSEEQIKEYFGAFGEIENIELPMDTKTNERRGFCFITYTD
 EEPVKLLLESRYHQIGSGKCEIKVAQPKEVYRQQQQQKGGRGAAAGGRGGTRG
 RGRGQGQWNWQGFNNYYDQGYGNYSAYGGDQNYSGYGGYDYTGYNYGNYGY
 GQGYADYSGQQSTYGKASRGGGNHQNYYQPY

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

HNRPDL heterogeneous nuclear ribonucleoprotein D-like [Homo sapiens]

Official Symbol

HNRPDL

Synonyms

heterogeneous nuclear ribonucleoprotein D-like; 5037; Ensembl:ENSG00000152795;
 heterogeneous nuclear ribonucleoprotein D-like;hnRNP DL;hnRNP D-like;protein
 laAUF1;JKT41-binding protein;AU-rich element RNA-binding factor;A+U-rich element
 RNA binding factor; HNRNP; JKTBP; JKTBP2; laAUF1

Gene ID

9987

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mRNA Refseq	NM_001207000
Protein Refseq	NP_001193929
MIM	607137
UniProt ID	O14979

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