

Recombinant Full Length Human HNRPDL Protein, GST-tagged

Cat. No. HNRPDL-3682HF **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	In Vitro Cell Free System
ProteinLength	420 amino acids
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

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AA Sequence	MEVPPRLSHVPPPLFPSAPATLASRSLSHWRPRPPRQLAPLLPSLAPSSARQGARR AQRHVTAQQPSRLAGGAAIKGGRRRRPDLFRRHFKSSSIQRSAAAAAATRTARQHP PADSSVTMEDMNEYSNIEEFAEGSKINASKNQDDGKMFIGGLSWDTSKKDLTEYL SRFGEVVDCTIKTDPVTGRSRGFGFVLFKDAASVDKVLLEKEHKLDGKLIDPKRAKA LKGKEPPKKVFGGLSPDTSEEQIKEYFGAFGEIENIELPMDTKTNERRGFCFITYTD EETVKKLLLESRYHQIGSGKCEIKVAQPKEVYRQQQQQKGGRGAAAGGRGGTRG RGRGQGQWNQGFNNYYDQGYGNYSAYGGDQNYSGYGGYDYGNYGNYG GGYADYSGQQSTYGKASRGGGNHQNNYPY
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
mRNA Refseq	NM_001207000
Protein Refseq	NP_001193929
MIM	607137
UniProt ID	O14979

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