

Product datasheet for **SC320399**

HNRPDL (HNRNPDL) (NM_031372) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPDL (HNRNPDL) (NM_031372) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRPDL
Synonyms:	HNRNP; HNRPDL; JKTBP; JKTBP2; IaAUF1; LGMD1G; LGMDD3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>OriGene sequence for NM_031372.2</p> <pre> CCGGACGCCAGAGACAAAGGCTCCCAAGGCAAGAGGGACTGTGGCCCTGCGTCGGCTCTG CTCGGAACTGCTGACCCCAGGAATTTACGCCCTTCGTTTTTCTCTTCTGATTCTTCTCT TCTCCCAAGCCCGCTCCCTCACGCGTGGCCTCTCTCTTGCCGGGAGGGCCCGGATGG AGGTCCCGCCAGGCTTTCCCATGTGCCGCCATTGTTCCCTCCGCTCCCGCTACTT TAGCCTCCCGCAGCCTCTCCATTGGCCGCCGCCGCCGCCGCCAGCTAGCCCCGCTCC TCCCTTCGCTCGCTCCAGCTCCGCCCGCAGGGGGCGCGCCGGGCCAGCGCCAGTCA CCGCCCAGCAGCCCTCCCGATTGGCGGGCGGGCGGCTATAAAGGGAGGGCGCAGCGCGC GCCCGGATCTCTTCGCCGCCATTTTAAATCCAGCTCCATAACAACGCTCCGCCGCCGCTG CTGCCGACCCGGACTGCGCGCCAGCACCCCCCTGCCGACAGCTCCGCTACTATGGAGG ATATGAACGAGTACAGCAATATAGAGGAATTCGCAGAGGGATCCAAGATCAACGCGAGCA AGAATCAGCAGGATGACGGTAAAATGTTTATTGGAGGCTTGAGCTGGGATACAAGCAAAA AAGATCTGACAGAGTACTGTCTCGATTTGGGAAAGTTGTAGACTGCACAATTAACAG ATCCAGTCACTGGGAGATCAAGAGGATTTGGATTTGTGCTTTTCAAAGATGCTGCTAGTG TTGATAAGGTTTTGGAAGTAAAGAACACAAACTGGATGGCAAATGATAGATCCCAAAA GGGCCAAAGCTTTAAAGGGAAAGAACCTCCCAAAAAGGTTTTTGTGGTGGATTGAGCC CGGATACTTCTGAAGAACAATTAAGAATATTTTGGAGCCTTTGGAGAGATTGAAAATA TTGAACCTCCCATGGATACAAAAACAATGAAAGAAGAGGATTTTGTATCACATATA CTGATGAAGAGCCAGTAAAAAATGTTAGAAAGCAGATACCATCAAATGGTTCTGGGA AGTGTGAAATCAAAGTTGCACAACCCAAAGAGGTATATAGGCAGCAACAGCAACAACAAA AAGGTGGAAGAGGTGCTGAGCTGGTGGACGAGGTGACGAGGGTTCGTGGCCGAGGTC AGGGCCAAAACCTGGAACCAAGGATTTAATAACTATTATGATCAAGGATATGGAATTACA ATAGTGCCTATGGTGGTATCAAAACTATAGTGGCTATGGCGGATATGATTATACTGGGT ATAACTATGGGAACTATGGATATGGACAGGGATATGCAGACTACAGTGGCCAACAGAGCA CTTATGGCAAGGCATCTCGAGGGGTGGCAATCAACAAAACAATTACCAGCCATACTAAA GGAGAACATTGGAGAAAACAGGAGGAGATGTTAAAGTAACCCATCTTGCAGGACGACATT GAAGATTGGTCTTCTGTTGATCTAAGATGATTATTTTGTAAAAGACTTTCTAGTGACAA GACACCATTGTGCCAAGTATATAGCTGCCAATTAGTTTTCTTTGTTTTACTTTGTC CTTTGCTATCTGTGTTATGACTCAATGTGGATTTGTTTATACACATTTTATTTGTATCAT TTCATGTTAAACCTCAAATAAATGCTTCCTTATGTGAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_031372
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_031372.2](#), [NP_112740.1](#)

RefSeq Size: 3510 bp

RefSeq ORF: 1263 bp

Locus ID: 9987

UniProt ID: [O14979](#)

Cytogenetics: 4q21.22

Domains: RRM

Gene Summary: 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. Three 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 isoforms encoded by this gene are similar to its family member HNRPD. [provided by RefSeq, May 2011]

Transcript Variant: This variant (2) encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.