

Product datasheet for RN201386

Hnrnpdl (NM_001033696) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpdl (NM_001033696) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hnrnpdl
Synonyms:	hnRNP DL; HnrpdI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201386 representing NM_001033696 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACGGGTACCGCAGCTCCGCTCTTCCCTCCCCAGAGCCCCGCGCGCCCTTCGTCCTCTGGAG
CCGCGCGCTGCCCCAGTCTTCCCGAGTCGATTCTCCGCGTCCCGCTGGACCCAGTAGCTTCCC
CACTAGCGGAAATAAAATGTTTATTGGAGGCTTGAGCTGGGATACAAGCAAGAAAGATCTGACTGAATAT
TTGTCTCGGTTTGGGAAGTTGTAGACTGCACAATTAACAGATCCAGTCACTGGAAGATCAAGAGGAT
TTGGATTTGTGCTTTCAAAGATGCTGCTAGTGTGGATAAGGTTTGGAACTGAAGGAACACAACTGGA
TGGCAAAATGATAGACCCAAAAGGGCCAAAGCTTTAAAGGGAAAGAACCCCTAAAAAGTTTTTGTG
GGTGGATTGAGTCCAGATACTTCAGAAGAACAATTAAGAATATTTTGGAGCCTTCGGAGAGATAGAAA
ACATTGAGCTGCCATGGATACGAAGACTAATGAGAGAAGAGGATTCTGTTTTATCACATACACAGACGA
AGAGCCAGTAAAGAACTGTTAGAAAGCAGATACCATCAGATAGGCTCTGGGAAGTGTGAAATCAAAGTT
GCACAACCCAAAGAGGTGTACAGGCAGCAGCAGCAACAGAAAGGTGGAAGAGGGGCTGCGGCTGGT
GAAGAGGTGGTGTAGGGGACGCGGAAGAGGTACGGGCCAAAACCTGGAACCAAGGATTTAATAACTATTA
TGATCAAGGATATGGAATTATAATAGTGCCTATGGTGATGAGAGCTATAGTGGCTATGGCGGCTATGAC
TATACGGGGTATAACTATGGGAGCTATGGATATGGACAGGGATATACAGACTACAGCGGTCAGCAGAGCA
CTTATGGCAAGGCATCCCGAGGGGTGGCAATCACCAGAACAATTACCAGCCCTACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001033696



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Insert Size:	969 bp
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).
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:	<ol style="list-style-type: none">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_001033696.1 , NP_001028868.1
RefSeq Size:	1340 bp
RefSeq ORF:	969 bp
Locus ID:	305178
UniProt ID:	Q3SWU3
Cytogenetics:	14p22
Gene Summary:	Acts as a transcriptional regulator. Promotes transcription repression. Promotes transcription activation in differentiated myotubes. Binds to double- and single-stranded DNA sequences. Binds to the transcription suppressor CATR sequence of the COX5B promoter. Binds with high affinity to RNA molecules that contain AU-rich elements (AREs) found within the 3' UTR of many proto-oncogenes and cytokine mRNAs. Binds both to nuclear and cytoplasmic poly(A) mRNAs. Binds to poly(G) and poly(A), but not to poly(U) or poly(C) RNA homopolymers. Binds to the 5'-ACUAGC-3' RNA consensus sequence (By similarity).[UniProtKB/Swiss-Prot Function]