

Product datasheet for **SC210652**

HNRNPD (NM_031369) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HNRNPD (NM_031369) Human 3' UTR Clone
Symbol:	HNRNPD
Synonyms:	AUF1; AUF1A; hnRNPD0; HNRPD; P37
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_031369
Insert Size:	1717 bp



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Insert Sequence: >SC210652 3'UTR clone of NM_031369
 The sequence shown below is from the reference sequence of NM_031369. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGTCATCAAAATAGCTACAAACCATACTAAATTATTCCATTTGCAACTTATCCCCAACAGGTGGTGAAG
CAGTATTTTCCAATTTGAAGATTCATTTGAAGGTGGCTCCTGCCACCTGCTAATAGCAGTTCAAACTAA
ATTTTTGTATCAAGTCCTGAATGGAAGTATGACGTTGGGTCCCTCTGAAGTTAATTCTGAGTCTC
ATTAAGAAATTTGCTTTCATTGTTTTATTTCTTAATTGCTATGCTTCAGAATCAATTTGTGTTTTAT
GCCCTTCCCCAGTATTGTAGAGCAAGCTTGTGTTAAAAGCCAGTGTGACAGTGTGATGATGATGAGT
AGTGTCTTACTGGTTTTTAATAAATCCTTTGTATAAAAATGTATTGGCTCTTTATCATCAGAATAG
GAAAAATTGTCATGGATTCAAGTTATTAAGCATAAGTTTGAAGACAGGCTTGCCGAAATTGAGGAC
ATGATTAATAATTGCAGTGAAGTTTGAATGTTTTAGCAAAATCTAATTTTTGCCATAATGTGTCCTCC
CTGTCCAAATTGGGAATGACTTAATGTCAATTTGTTTGTGGTTGTTTTAATAACTTCCCTATGTAG
CCATTAAGATTTATGAATATTTCCCAAATGCCAGTTTTTGCTTAATATGATTGTGCTTTTTAGA
ACAAATCTGGATAAATGTGCAAAAGTACCCTTTGCACAGATAGTTAATGTTTTATGCTTCCATTAAT
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TGGACTTCATAGATGAATCAAGTGTGAGGGAGGATTAAGAAATATATACCGTGTATGTGTGTGT
GCTTATTTGTTGAATGATTTTTATTTCCATTTCTCAAAGTTTTATTTTTGGTTAGGGCCTTAAAA
TTTCAGGACTGTGATTATTAGTATGTGTGCCTAAGGAACTTTTGAGTCACTCTTAAGAAAGTGAAC
GAAGAGTCTAAGTGATAACTATAGGATTAAGTCAGAATTGTTTTCTGTCAATTTGGAAGCTTCTT
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CTCAGAATAGTTCATTAGAAAGTAACAAATGAGAAATGTATTATTATACAGTTCATAGTAGTGAAGT
GATGGAATACCTTTCTTACTTTTGTGGAGTTACATCTGATGCTAAGAATTTGACCTCCAATAAGCAAA
CATTTTAATGAGCAAAAGTTAGTGTATTAAGTTTTTTTTATGATAGATCCAAATTGAGGACCTGTGTC
CTGTTTTTATAAGATTGCAACCCAGCTATGCTCATTGTTTATGTTTTGTATATGGCTGCTTTTGTGT
ACAGTGGTAGAGTTTAGTGTAGGACAGAGACCTGCAAAGCAAATAATTTACAGTCTGGCCCTTAC
AGAAAAGTTTGTGACTCATGGTCAAAATAAATGAAAATTTTTGTGTTAGGGTTGTTAAGCTAGGGTT
CTTTTTGGTATCATATGCTTATTTATGTAATCTCTCAATAAAAAATTATTTTTAAGAGA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_031369.3](#)

Summary:

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid 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 repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants. [provided by RefSeq, Jul 2008]

Locus ID:

3184

MW:

66.7