

Product datasheet for SC300561

HNRNPD (NM_001003810) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: HNRNPD (NM_001003810) Human Untagged Clone
Tag: Tag Free
Symbol: HNRNPD
Synonyms: AUF1; AUF1A; hnRNP0; HNRPD; P37
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001003810 edited
 GCCTTTGCAGCCACGCGCGCCTCCCTGTCTTGTGTGCTTCGCGAGGTAGAGCGGGCG
 CGCGGCAGCGGGGATTACTTTGCTAGTTTCGGTTCGCGGCAGCGCGGGTGTAG
 TCTCGGGCGCAGCGGCGAGACTAGACTATGTCGGAGGAGCAGTTCGCGGGGACGG
 GCGCGGCAGCGCAACGGCGCGGTAGGCGGCTCGGCGGCGAGCAGGAGGGAGCCAT
 GGTGGCGGCACACAGGGGCGAGCGCGGCGGGAAGCGGAGCCGGACCGGGGCGG
 AACCGCTCTGGAGGCACCAAGGGGCGAGCGCCGAGTGGAGGGGCGAAGATTGACGC
 CAGTAAGAACGAGGAGGATGAAGGAAAATGTTTATAGGAGCCCTTAGCTGGGACTAC
 AAAGAAAGATCTGAAGGACTACTTTTCAAATTTGGTGAAGTTGTAGACTGCACTCTGAA
 GTTAGATCCTATCACAGGCGCATCAAGGGTTTTGGCTTTGTGCTATTTAAAGAATCGGA
 GAGTGTAGATAAGGTCATGGATCAAAAAGAACATAAATTGAATGGGAAGGTGATTGATCC
 TAAAAGGGCCAAAGCCATGAAAACAAAAGAGCCGTTAAAAAATTTTTGTTGGTGGCCT
 TTCTCCAGATACACCTGAAGAGAAAATAAGGGAGTACTTTGGTGGTTTTGGTGAGGTGGA
 ATCCATAGAGCTCCCATGGACAACAAGACCAATAAGAGGCGTGGTTCTGCTTTATTAC
 CTTAAGGAAGAAGAACCAGTGAAGAAGATAATGGAAAAGAAATACCACAATGTTGGTCT
 TAGTAAATGTGAAATAAAGTAGCCATGTCGAAGGAACAATATCAGCAACAGCAACAGTG
 GGGATCTAGAGGAGGATTTGCAGGAAGAGCTCGTGAAGAGGTGGTGACCAGCAGAGTGG
 TTATGGGAAGGTATCCAGGCGAGGTGGTCATCAAAATAGCTACAAACCATACTAAATTAT
 TCCATTTGCAACTTATCCCAACAGGTGGTGAAGCAGTATTTTCAAATTTGAAGATTCAT
 TTGAAGGTGGCTCCTGCCACCTGCTAATAGCAGTTCAAACATAAATTTTTGTATCAAGTC
 CCTGAATGGAAGTATGAGTTGGTCCCTCTGAAGTTAATTCTGAGTTCTCATTAAAAG
 AAATTTGCTTTTATTGTTTTATTCTTAATTGCTATGCTTCAGAATCAATTTGTGTTTTA
 TGCCCTTTCCCCAGTATTGTAGAGCAAGTCTTGTGTTAAAAGCCAGTGTGACAGTGTC
 ATGATGTAGTAGTCTTACTGGTTTTTAATAAATCCTTTTGTTTAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



[View online »](#)

ACCN:	NM_001003810
Insert Size:	1400 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).
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:	<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:	<u>NM_001003810.1</u> , <u>NP_001003810.1</u>
RefSeq Size:	2053 bp
RefSeq ORF:	864 bp
Locus ID:	3184
UniProt ID:	<u>Q14103</u>
Cytogenetics:	4q21.22
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) lacks two alternate in-frame segments, compared to variant 1. The resulting isoform (d), also known as p37, is shorter than isoform a.</p>