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Product datasheet for SC337861

ADNP (NM_001282531) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADNP (NM_001282531) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADNP
Synonyms:	ADNP1; HVDAS; MRD28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282531, the custom clone sequence may differ by one or more nucleotides

ATGTTCCAACTTCCTGTCAACAATCTTGGCAGTTTAAGAAAAGCCCGGAAAACTGTGAAAAAAATACTTA
GTGACATTGGGTTGGAATACTGTAAAGAACATATAGAAGATTTTAAACAATTTGAACCTAATGACTTTTA
TTTGAAAAACACTACATGGGAGGATGTAGGACTGTGGGACCCATCACTTACGAAAAACCAGGACTATCGG
ACAAAACCTTTCTGCTGCAGCGCTTGTCCATTTTCCTCAAAATTCTTCTCTGCCTACAAAAGTCATTTCC
GCAATGTCCATAGTGAAGACTTTGAAAATAGGATTCTCCTTAATTGCCCCTACTGTACCTTCAATGCAGA
CAAAAAGACTTTGGAAACACACATTAAAATATTTCATGCTCCGAACGCCAGCGCACCAAGTAGCAGCCTC
AGCACTTTCAAAGATAAAAACAAAAATGATGGCCTTAAACCTAAGCAGGCTGACAGTGTAGAGCAAGCTG
TTTATTACTGTAAGAAGTGCACTTACCGAGATCCTCTTTATGAAATAGTTAGGAAGCACATTTACAGGGA
ACATTTTCAGCATGTGGCAGCACCTTACATAGCAAAGGCAGGAGAAAAATCACTCAATGGGGCAGTCCCC
TTAGGCTCGAATGCCCGAGAAGAGAGTAGTATTCACTGCAAGCGATGCCTTTTCATGCCAAAGTCCTATG
AAGCTTTGGTACAGCATGTCATCGAAGACCATGAACGTATAGGCTATCAGGTCACTGCCATGATTGGGCA
CACAAATGTAGTGGTTCCCCGATCCAAACCCTTGATGCTAATTGCTCCCAAACCTCAAGACAAGAAGAGC
ATGGGACTCCCACCAAGGATCGGTTCCCTTGCTTCTGGAAATGTCCGGTCTTTACCATCACAGCAGATGG
TGAATCGACTCTCAATACCAAAGCCTAACTTAAATTCTACAGGAGTCAACATGATGTCCAGTGTTCATCT
GCAGCAGAACAACTATGGAGTCAAATCTGTAGGCCAGGGTTACAGTGTTGGTCAGTCAATGAGACTGGGT
CTAGGTGGCAACGCACCAGTTTCCATTCCTCAACAATCTCAGTCTGTAAAGCAGTTACTTCCAAGTGGAA
ACGGAAGGTCTTATGGGCTTGGGTCAGAGCAGAGGTCCCAGGCACCAGCAAGATACTCCCTGCAGTCTGC
TAATGCCTCTTCTCTCTCATCGGGCCAGTTAAAGTCTCCTTCCCTCTCTCAGTCACAGGCATCCAGAGTG
TTAGGTCAGTCCAGTTCCAAACCTGCTGCAGCTGCCACAGGCCCTCCCCCAGGTAACACTTCCTCAACTC
AAAAGTGGAAAATATGTACAATCTGTAATGAGCTTTTTCCTGAAAATGTCTATAGTGTGCACTTCGAAAA
AGAACATAAAGCTGAGAAAGTCCCAGCAGTAGCCAACTACATTATGAAAATACACAATTTTACTAGCAAA
TGCCTCTACTGTAATCGCTATTTACCCACAGATACTCTGCTCAACCATATGTTAATTCATGGTCTGTCTT
GTCCATATTGCCGTTCAACTTTCAATGATGTGGAAAAGATGGCCGCACACATGCGGATGGTTCACATTGA

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TGAAGAGATGGGACCTAAAACAGATTCTACTTTGAGTTTTGATTTGACATTGCAGCAGGGTAGTCACACT
AACATCCATCTCCTGGTAACTACATACAATCTGAGGGATGCCCCAGCTGAATCTGTTGCTTACCATGCCC
AAAATAATCCTCCAGTTCCTCCAAAGCCACAGCCAAAGGTTCAGGAAAAGGCAGATATCCCTGTAAAAAG
TTCACCTCAAGCTGCAGTGCCCTATAAAAAAGATGTTGGGAAAACCCTTTGTCCTCTTTGCTTTTCAATC
CTAAAAGGACCCATATCTGATGCACTTGCACATCACTTACGAGAGAGGCACCAAGTTATTCAGACGGTTC
ATCCAGTTGAGAAAAAGCTCACCTACAAATGTATCCATTGCCTTGGTGTGTATACCAGCAACATGACCGC
CTCAACTATCACTCTGCATCTAGTTCACTGCAGGGGCGTTGGAAAGACCCAAAATGGCCAGGATAAGACA
AATGCACCCTCTCGGCTTAATCAGTCTCCAAGTCTGGCACCTGTGAAGCGCACTTACGAGCAAATGGAAT
TTCCCTTACTGAAAAAACGAAAGTTAGATGATGATAGTGATTCACCCAGCTTCTTTGAAGAGAAGCCTGA
AGAGCCTGTTGTTTTAGCTTTAGACCCCAAGGGTCATGAAGATGATTCCTATGAAGCCAGGAAAAGCTTT
CTAACAAAGTATTTCAACAAACAGCCCTATCCCACCAGGAGAGAAATTGAGAAGCTAGCAGCCAGTTTAT
GGTTATGGAAGAGTGACATCGCTTCCCATTTTAGTAACAAAAGGAAGAAGTGTGTCCGTGATTGTGAAAA
GTACAAGCCTGGCGTGTTGCTGGGGTTTAACATGAAAGAATTAAATAAAGTCAAGCATGAGATGGATTTT
GATGCTGAGTGGCTATTTGAAAATCATGATGAGAAGGATTCCAGAGTCAATGCTAGTAAGACTGCTGACA
AAAAGCTCAACCTTGGGAAGGAAGATGACAGTTCCTCAGACAGTTTTGAAAATTTGGAAGAAGAATCCAA
TGAAAGTGGTAGCCCTTTTGACCCTGTTTTTGAAGTTGAACCTAAAATCTCTAACGATAACCCAGAGGAA
CATGTACTGAAGGTAATTCCTGAGGATGCTTCAGAATCTGAGGAGAAGCTAGACCAAAAAGAGGATGGTT
CAAAATACGAAACTATTCATTTGACTGAGGAACCAACCAAACTAATGCACAATGCATCTGATAGTGAGGT
TGACCAAGACGATGTTGTTGAGTGGAAAGACGGTGCTTCTCCATCTGAGAGTGGGCCTGGATCCCAACAA
GTGTCAGACTTTGAGGACAATACCTGCGAAATGAAACCAGGAACCTGGTCTGACGAGTCTTCCCAAAGCG
AAGATGCAAGGAGCAGTAAGCCAGCTGCCAAAAAAAAGGCTACCATGCAAGGTGACAGAGAGCAGTTGAA
ATGGAAGAATAGTTCCTATGGAAAAGTTGAAGGGTTTTGGTCTAAGGACCAGTCACAGTGGAAGAATGCA
TCTGAGAATGATGAGCGCTTATCTAACCCCCAGATTGAGTGGCAGAATAGCACAATTGACAGTGAGGATG
GGGAACAGTTTGACAACATGACTGATGGAGTAGCTGAGCCCATGCATGGCAGCTTAGCCGGAGTTAAACT
GAGCAGCCAACAGGCCTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001282531
Insert Size:	3309 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:	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_001282531.1, NP_001269460.1
RefSeq Size:	6242 bp
RefSeq ORF:	3309 bp

Locus ID:	23394
UniProt ID:	Q9H2P0
Cytogenetics:	20q13.13
Protein Families:	Transcription Factors
Gene Summary:	Vasoactive intestinal peptide is a neuroprotective factor that has a stimulatory effect on the growth of some tumor cells and an inhibitory effect on others. This gene encodes a protein that is upregulated by vasoactive intestinal peptide and may be involved in its stimulatory effect on certain tumor cells. The encoded protein contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor. This gene is also upregulated in normal proliferative tissues. Finally, the encoded protein may increase the viability of certain cell types through modulation of p53 activity. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (3) represents the longest transcript. All five variants encode the same protein. 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.