

Product datasheet for SC114757

ADNP homeobox protein 2 (ADNP2) (NM_014913) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADNP homeobox protein 2 (ADNP2) (NM_014913) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADNP homeobox protein 2
Synonyms:	ZNF508
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114757 sequence for NM_014913 edited (data generated by NextGen Sequencing)

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ATGTTTCAAATTCCTGTGAAAACTTGTACAACATCAGAAAGGTGCGAAAAAAGGTGAAA
GGTATTCTTGTGGATATTGGGCTTGACAGCTGCAAGGAGTTACTGAAGGACCTTAAAGGC
TTTGATCCAGGAGAGAAATACTTTCATAACACATCATGGGGTGATGTTTCTCTCTGGGAA
CCTTCTGGAAAGAAAGTGAGATATCGAACAAAGCCATACTGTTGTGGCCTCTGTAATAC
TCTACAAAGGTGCTTACTTCATTCAAGAATCATTACATCGTTACCATGAAGATGAAATT
GACCAAGAGCTGGTGATCCCTTGCCAAACTGTGTATTTGCATCTCAGCCCAAAGTTGTG
GGAAGGCACTTCAGAATGTTCCATGCACCTGTCCGAAAGTCCAGAACTACACAGTGAAT
ATTTTAGGTGAACTAAATCATCTAGGAGCGATGTGATAAGTTTACATGTCTAAATGT
AACTTTTCAAACACTTTGTACTACAGCATGAAGAAGCATGTGCTGGTAGCCATTTTCAC
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GGCCAGACAGCCCCATTGAGGGTTATCTCTGCAGGCCAGGTGGTCCCATCTGGGCTTCTT
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GCAATAAAAAATCACAAGCCTTCTGTACTTTTAGGCTTTGATATGTCTGAACTTAAAAAT
GTGAAACATAGATTGAACTTTGAATATGAACCATAA
    
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Clone variation with respect to NM_014913.3

1548 g=>a;2445 t=>g;2946 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014913 unedited

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GTCGGCATTTGTATACGACTCCTATAGGGCGGCCGCGATTCCGGCACGAGGGAGGAGGGGA
CCAGTCGCGCTGGGGGTGGGCGCGCTGAGGCGGGGGTCCC GCCGCGCGGGGCGGAGGC
GCGGGCGGGCGCAGGCGGCCACGGGACGCGGCTGCGCTCGGGCGGAAGACGCGGAGCC
CTGCGAGAGGCAGCAGCGGAGACGCGGTGCTCCTCGGGCGCCAAGCGGAAAAATTTCAAAA
ATGTTTCAAATCCTGTGAAAACTTTGACAACATCAGAAAGGTGCGAAAAAAGGTGAAA
GGTATTCTTGTGGATATTGGGCTTGACAGCTGCAAGGAGTTACTGAAGGACCTTAAAGGC
TTTGATCCAGGAGAGAAATACTTTCATAACACATCATGGGGTGTGTTTCTCTCTGGGAA
CCTTCTGGAAGAAAGTGAGATATCGAACAAAGCCATACTGTTGTGGCCTCTGTAATAC
TCTACAAAGGTGCTTACTTCATTCAAGAATCATTTACATCGTTACCATGAAGATGAAAT
GACCAAGAGCTGGTGTATCCCTTGCCCAAAGTGTGATTTGTCATCTCAGCCCAAAGTTGTG
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ATTTTAGGTGAACTAAATCATCTAGGAGCGATGTGATAAGTTTACATGTCTAAATGT
AACTTTTCAAACACTNTGTACTACAGCATGAAGAAGCATGTGCTGGTAGCCATTTTTCAC
TACTTAATTAACCTACTNTGGCCTAAGAAGTGAAGAAGGGTGAACCCGAAACTACGA
TACTGTTCTATAGAGAGATCCACCCTGACAATATACTGTAAAAGTGCACGCCATGCCAC
AGCAGGATGCGTATGT
    
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014913 unedited
 TTTAGCTATGGACCCGCGCCGCAATCTANAATCGAGTTTTTTTTTTTTTTTTTTTGAAG
 TTTTATGGTTCATATTCAAAGTTCAATCTATGTTTACATTTTTAAGTTCAGACATATCA
 AAGCCTAAAAGTACAGAAGGCTTGTGATTTTTTATTGCTTTCATGCAAATATACCTTCTT
 TTTCCAAAAAATGAAGCCACATCAATTTCCACACCCAAAAGAGTGAGGACAACAGTTCT
 ATTTCTTTTTACTAGGATATGGTTTTCTTATGGAATAATCTTTAAGAAATTGCTTCTTT
 TCTTCATAAAGAACGGCCTTCATATTTTTAGGATCTAATGCTAAAATCTGAAGAGCCTCG
 TCCTTGACAATAGGTCCCTCTGTCTGCTTTCATTCTTTGTCTTTAAAAGGCACAACA
 CTCGTACCTTTTCTGGACCCGGGGCTGCATCGGCATTTAGGATGGGAGGCTGCTCCTCC
 CCATGCCGCTGGTCTTCGGCCCCAAGTGGCCATCAGGCAGCTTCTCTTAACAGAAAAA
 CTGGAATCATGCATCACTTCACCACTGACTAAAAGCAGTTCAGTGTGTGAATAAAACCC
 GGCTGGCCTGCANGTCTGAGCTGCTGTCTTGGGAGCACTTCTGCAGCGCACCAATGG
 ACGGCGATGGCAGCCAGGGTCATATTTCCCGTGTAGACCCACAGCAGTGAATGCACTTG
 AAGGCGGAGACTCAAGACCGTGTGGACTGTGGCATGATGTGCTCTCCTCAATGCAC
 TCATAGCCCTCAGTGCACAAAGGGGCAAAGCAAGGGGCAAGTGGCACTCGCTTGCCTGCT
 CCGGGGTGCCCTACCCGAGGCTACTTCACTACCAGGACCAGGACTTGAAGGGATCCAC
 CCAGATTGCCAGAAACCTCCCTCCCACTTTTCTTGATA

Restriction Sites:

NotI-NotI

ACCN:

NM_014913

Insert Size:

3890 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_014913.2](#), [NP_055728.1](#)

RefSeq Size: 5403 bp

RefSeq ORF: 3396 bp

Locus ID: 22850

UniProt ID: [Q6IQ32](#)

Cytogenetics: 18q23

Domains: homeobox, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]