

## Product datasheet for **SC319272**

### NECAP2 (NM\_018090) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NECAP2 (NM_018090) Human Untagged Clone
Tag:	Tag Free
Symbol:	NECAP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_018090.3  
 GTTCGGTGGGCTCCAGGCGTCCGATGGAGGAGAGCGGGTACGAGTCGGTCTGTGTCT  
 AAGCCTGACGTCCACGTCTACCGCATCCCTCCGCGGGCTACCAACCGTGGCTACAGGGCT  
 GCGGAGTGGCAGCTGGACCAGCCATCATGGAGTGGCCGGCTGAGGATCACTGCAAAGGGA  
 CAGATGGCCTACATCAAGCTGGAGGACAGGACGTGAGGGAGCTTTTGTCTCAGGCCCG  
 GTGGATCAGTTTCTGGCACAGCTGTGGAGAGTGTGACGGATTCCAGCAGGTAATTCGTG  
 ATCCGCATCGAAGATGGAATGGGCGACGGGCGTTTATTGGAATTGGCTTCGGGGACCGA  
 GGTGATGCCTTTGACTTCAATGTTGCATTGCAGGACCATTTCAGTGGGTGAAACAGCAG  
 TGTGAATTTGCAAAACAAGCCAGAACCCAGACCAAGGCCCTAAACTGGACCTGGGCTTC  
 AAGGAGGGCCAGACCATCAAGCTCAACATCGAAACATGAAGAAGAAGGAAGGAGCAGCT  
 GGGAAATCCCCGAGTCCGGCCTGCCAGCACAGGAGGGCTGAGCCTGCTTCCCCCTCCCCA  
 GGGGGGAAAACCTCCACCCTGATCCCTCCCCCTGGGGAGCAGTTGGCTGTGGGGGATCC  
 CTCGTCCAGCCAGCAGTTGCTCCAGTTCAGGAGGTGCTCCTGTACCCTGGCCACAGCCC  
 AATCCTGCCACTGCTGACATCTGGGAGACTTTACCAAATCTACAGGATCAACTCCAGC  
 CAGACCCAGCCAGGCACAGGCTGGGTCCAGTTCTGACCTGAGCACGGTTTTTCTCATGT  
 GACTTCTGGGAAGCGCTCCCTCATCTGGGCCAAAGGAAGGAGGACGAAGCCCTCCTCAG  
 CTGGCCTGTGTTTGGGGCATGAATCTCTCTCTCTCTCTCTGTCTGGCTCTGTTGACAAAC  
 CGGGCATGTTTGGCAGTAAATTGGCACCGTGTCAACTGTTTCTGGGATTCAAGTATGC  
 AACCAAGACACAGGAGAAGAAAAGCTCCAGGATCCCTGTCCCCATCTGTCTCTTGTATGT  
 GAGAGAGACTCTGAGACTTCTTCCATCGCAATGACCTGTATTAACACAAGCCCCCAAG  
 CAAAAGAAGAGGTTGAGTTTGTGCCAGGATTCAGATCAGCCCTCCCAGGGTCTGCAGG  
 TGTACATGATCACAGTTCAGCGGAGGCTTCCGTACCCACACTGGCTGTAGCCACTTC  
 AGTCCATCTGCCCTCCAGAGGAGGGTTTCTTCTGATTTTTAGCAGGTTTAGAGGCTGC  
 AGCTTGAGCTACAATCAGGAGGGAAATTGGAAGGATTAGCAGCTTTTAAAAATGTTTAAA  
 TATTTTGTCTTGTAAATGTGCTGATCCGCACTAACTCATCTTTGCAAAAGGAACTGCTCC  
 CTCGGCGTGCCCCAGCTGGGGCCTCTGAAGGGATTCTCACTGTGGGCAGCTGCCCTGAG  
 CTTCCAGGCAGCAGTGTTTCTGTTGTTGTTGTTTCCATGTATTCTAGGCCAGG  
 TAGGCAACACAGAGCCAAGGCGGGTGTGGAAGCCAGACGGAACAGTGTGGGGCAGGAA  
 GGTGGATGCTGTTGTCATGGAGCTGTGGGAGTTGGCACTGTCTGCTGGTGGCCCTCTC  
 GGCTCACATGTTACAGTGCAGCTCCTGGCAGACTGGGTTTTCTTTTGGTGGTTTCTA  
 AAGTGCCTTATCTGCAAAACAACCTCTTTTCTCCTTCAGGAACTGTGAATGGCTAGAAGAA  
 GGAGCTCAGTAACTAGAAGTCCAGGGTTGCTTGGTTTACTGGTTTATAAGAAATCTGAA  
 AGCACCTCTGACATTCCTTTTAACTCACCTCTCAGTTGAAAGATTTCTTTTGGAA  
 GGTCAAGACCGTGAACGAAAAAGTGTGGCCTTTTTGCGGGACAGATTTTAAAGATA  
 AAATAAATATTTTACTTCTGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_018090

**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:**

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\\_018090.3](#), [NP\\_060560.1](#)

**RefSeq Size:** 2037 bp

**RefSeq ORF:** 792 bp

**Locus ID:** 55707

**UniProt ID:** [Q9NVZ3](#)

**Cytogenetics:** 1p36.13

**Gene Summary:** This gene likely encodes a member of the adaptin-ear-binding coat-associated protein family. Studies of a similar protein in rat suggest a role in clathrin-mediated endocytosis. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]  
Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.