

NECAP2 cDNA

Catalog Number: ATGD0148

PRODUCT INFORMATION

Catalog number

ATGD0148

Product type

cDNA

Species

Human

NCBI Accession No.

NP_060560.1

Alternative Names

mRNA Refseq

NM_018090.4

OMIM

611624

Chromosome location

1p36.13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

792bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted Nde I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

NECAP2 likely encodes a member of the adaptin-ear-binding coat-associated protein family. Studies of a similar

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protein in rat suggest a role in clathrin-mediated endocytosis. Alternatively spliced transcript variants have been described.

DATA

Sequence nucleotides

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ATGGAGGAGAGCGGGTACGAGTCGGTGCTCTGTGTCAAGCCTGACGTCCACGTCTACCGCATCCCTCCGCGGGCTACCAA  
CCGTGGCTACAGGGCTGCGGAGTGGCAGCTGGACCAGCCATCATGGAGTGGCCGGCTGAGGATCACTGCAAAGGGACAG  
ATGGCCTACATCAAGCTGGAGGACAGGACGTCAGGGGAGCTCTTTGCTCAGGCCCGGTGGATCAGTTTCCTGGCACAGCT  
GTGGAGAGTGTGACGATTCCAGCAGGTACTTCGTGATCCGCATCGAAGATGGAAATGGGCGACGGGCGTTTATTGGAATT  
GGCTTCGGGGACCGAGGTGATGCCTTTGACTTCAATGTTGCATTGCAGGACATTTCAAGTGGGTGAAACAGCAGTGTGAA  
TTTGCAAACAAGCCCAGAACCAGACCAAGGCCCTAAACTGGACCTGGGCTTCAAGGAGGGCCAGACCATCAAGCTCAAC  
ATCGCAAACATGAAGAAGAAGGAAGGAGCAGCTGGGAATCCCCGAGTCCGGCCTGCCAGCACAGGAGGGCTGAGCCTGCT  
TCCCCCTCCCCCAGGGGGGAAAACCTCCACCCTGATCCCTCCCCCTGGGGAGCAGTTGGCTGTGGGGGGATCCCTCGTCC  
AGCCAGCAGTTGCTCCAGTTCAGGAGGTGCTCCTGTACCCTGGCCACAGCCCAATCCTGCCACTGCTGACATCTGGGGAG  
ACTTTACCAATCTACAGGATCAACTCCAGCCAGACCCAGCCAGGCACAGGCTGGGTCCAGTTCTGA
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Transaction Sequence

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MEESGYESVL CVKPDVHVYR IPPRATNRGY RAAEWQLDQP SWSGRLRITA KGQMAYIKLEDRTSGELFAQ APVDQFPGTA  
VESVTDSSRY FVIRIEDGNG RRAFIGIGFG DRGDADFDFNVALQDHFKWVK QQCEFAKQAAQ NPDQGPKLDL GFKEGQTIKL  
NIANMKKKEG AAGNPRVRPASTGGLSLLPP PPGGKTSTLI PPPGEQLAVG GSLVQPAVAP SSGGAPVPWP  
QPNPATADIWGDFTKSTGST SSQTQPGTGW VQF
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