

Product datasheet for **RN201885**

Necap1 (NM_001029919) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Necap1 (NM_001029919) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Necap1
Synonyms:	RGD1306053
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201885 representing NM_001029919 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCGGCGGAGCTGGAATACGAGTCTGTGCTGTGTGTGAAGCCCGACGTACGCGTCTACCGATTCCGC
 CGCGGGCTCAACCGCGGTTACAGGGCATCTGACTGGAAGCTAGACCAGCCTGATTGGACTGGTCGCT
 CCGAATCACTTCAAAAGGAAGATTGCCTACATCAAAGTGAAGATAAAGTTTCAGGGGAGCTCTTCGCT
 CAGGCGCCAGTAGAGCAGTACCCTGGGATTGCTGTGGAGACTGTGGCCGACTCCAGCCGCTACTTTGTGA
 TCAGGATCCAGGATGGCACCGGGCGCAGTGCCTTTATTGGCATCGGCTTCACGGACCGGGGAGATGCCTT
 CGACTTTAATGTCTCCCTGCAAGATCACTTCAAGTGGGTAAGCAGGAAACCGAGATCTCCAAAGAATCG
 CAGGAAATGGATAGTCGTCCTCAAGTTGGATTTAGGCTTCAAGGAAGGGCAAAACCATCAAGCTGAGTATTG
 GGAACATTACAGCCAAGAAAGGGGTACTTCTAAGCCCCGGGCCTCAGGAACGGGGGGCCTGAGCTTACT
 CCCACCTCCTCTGGAGGCAAAGTCACTATCCCCCACCCTCCTCCTCGTTGCCATCAGCAACCACGTC
 ACCCCACCACCATTCAAAATCTAACCATGGAAGTAATGATTCAGATATCCTGTTAGATTTGGATTCTC
 CAGCTCCTGTCCCGACTTCAGCACCAGCTCCAGCTCCAGCTTCTACAAGCAATGACTTGTGGGGAGACTT
 TAGCACTGCATCCAGCTCTGTTCCAAACCAGGCACCACAGCCATCTAACTGGGTCCAGTTT**TGA**

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001029919
Insert Size:	834 bp


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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:	<u>NM_001029919.2</u> , <u>NP_001025090.1</u>
RefSeq Size:	2459 bp
RefSeq ORF:	834 bp
Locus ID:	312694
UniProt ID:	<u>P69682</u>
Cytogenetics:	4q42
Gene Summary:	Involved in endocytosis.[UniProtKB/Swiss-Prot Function]