

Product datasheet for **RN217589**

Nckap5l (NM_001271369) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nckap5l (NM_001271369) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nckap5l
Synonyms:	RGD1561571
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217589 representing NM_001271369 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCAGCCGGCCGGAGGCACTGGAACCTAAGGCCAGCGTCTGGCGAAGACAGCAGCATGGAGCTCG
GCACCTGCCAGGAGCTGCTGCACCGACTTCGGAACTGGAGGCAGAGAACTCGGCACTTGACAGGCTAA
TGAGAACCAGCGGAGACTTACGAACGCTGTCTGGATGAGGTTGCCAACACGTTGGTGCAGGCGCTACTG
AACCAGAAGGACCTGCGGAGGAGTGCATCAAGCTGAAGAAGAGGGTGTGTTGACCTGGAGCGGCAGAATC
AGATGCTCAGCAGCTGCTGCAGCAGAAGCTACAGCTCAGCACCAGCTCCCTCCCTCAGATCCCCTCAC
CCCCTCCAGCCACCATCAGAACGACGAGCTCCCGTCCCAAACGCTGCTGAGGGACGAGCCACCACT
CTGCCTTTAGGACACTGTGCTGGGCCAAGAGAGGTGTGTTGGGAGCAGCAGTTACGCCAGGCGGCCAG
GCCCCCGGCCACTCCACCCCGAGCGCTGGATGCCCTGTCCCCATTTCTTCGGAAGAAAGCTCAGATTTT
AGAGGTCTGCGAGCCTTGAAGAGACTGACCTCTGCTTTGTGCTCACCCGCCACCCCTGGAGACCC
ACAGGCCAAGGCCCTGGATCCCCAGAGCCCATCAATGGCGAGCTCTGTGGCCACCAAGCCTGAACCT
CACCTGGGCACCTACCTACTGCTCGGTCTGGGAGCCTAGGGGCACTGCTGCACTGGGAGCGTGCCTT
GGGGGGCCCTGGGAAGAAGAAGGCATCAGGCAACCTGGGCTTCTAGCAGGGCCCCACTGCCAGCCAG
GGCCCCGGCGCTGGCCACACTGTGCCCCGGGCAGCAGCTCCTCGTCATCTTCTGATGAAGCAGGAGACC
CCAATGAAGCCCCAGCCCCGACACCTGCTTGGTGTCTGGCCCGCAAGCAGTTAAATCTGGGCCAACT
CCTTGGGGACACAGAGATTTCCCTCCGAGCTTTCTGGTGGGGTACTGGCCCCCTCAGCGGCGACAC
CCCCACCAAGTCTGGGAAGCTGTCTCACCAGATCCAGGAGCCCCACAGGTGTCAAGTCCAAAGGCC
TCCCAAGTCAGCTTGGGTGGAAGTGCCCCAGAGGCCAGCAGGCTGGGCTTGGTGCTACCTCAGAGG
CCAGGGGGCCCTTCCCTTCTCAGCATGTTTATGGGTGCAGGGGACGCCCGCTGGGCTCCCGGCTGGC
CATTCCCCTCTCTTCTCAGGTGAAAAGCAAGCTCCAGATTGGGCTCCCTTCCCCGGGGACGCCAGG
GACCCCTCTGCCCTCTCAGCCAGAGGTCTCAAGTTTCTCAAGCTGCCTCCAGCCTCAGAGAAGGTCCC
TAGCCCTGGAGGTCCCGAGCTCAGCCCTCAGCTTCCCCGGAGTTCTCGAATCCCTTGTGCAACAGTGGC



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TCAGATGGCAGCCCTCCCCACTGCTGGCACGAAGGGTCTGGGTGGAGGGAGCTTTCCCCAGAGGGG
CACAGGGCCTGCCAGCAGCCCTTTACCCTGCTCTGCAAAACCAGACTCTGCGCAACTCAGAACCTCTCA
GTCGGCTGTGTCCACTACACTGTCTGCAGGGCCAGTAGTGTCTCCCTGCTTTGAAAAATCCTGGACCTT
TCCCGGGGCACCTTTAGGGGTCTTCCACAGAGCCACCTCCATCCCCACTGCAGGTGCCACCTACCCAC
AACTGACTCTCGAGGTACCCAGACCCATGAGGTCTCAGGAGCCCTGGGGCCCCAGCCCTGGCCTCCC
GGGACCTGTCCCTACAGCAGCCCCCAGGAGAAGAGTGTGGACAGGGCAGGCTCCGAGTCTCCCCATCTC
AGCCGCAGGACCCCATGTGGCTCATCCAAGAAGCCTGGCCAGGGATCAGGGCGACGACCTGGTGATCCTA
GCCACACACCTCTGCAGACAGATTGGCAGCACTTGAAAACTGAAGACGGGCCAGAGGGGCCTCTGGG
TCCAGAAAAGAACGAGTGCCAGCCCGGTCTAACACAGAGAAGGCCAAGGCACCACTGCGGTGAGCGAG
TGTCTGGAGATGTGTCTCCAGCACGAGACCTCTGAACAGCCAGAAGCTAAGGGTATCTTTGGGGAG
CAGTAGCCTTGGGCACAAGCAGCCTGAAGCAGCAGGAACCTGGACTTACTGATCTTGGTGCCGAGTCTA
TTCCTCCCACTCCATGGGAGCTCGAGTAGACCTGGAGCCCATCTACCAAGGAGCTGCCTACCAAAGTG
GAGCTAGCCAAGAGTCGGCTAGCAGGGGCTCTGTGTCCCAGATGCCCGCACACCTGCAAAAGTGCCAA
CCTCAGCCCTAGCCTGGGCAAAACCCAAAAGCCCTCACAGCAGCCCAACAAAGTGCCCTCCAAGTCACC
CACCAAGGTGGTGCCCGCCCTGTGGCACCTTAGGCACCAAGGAGCCCCCAAGCTGACAAAGTGAAG
GGCCACCTTGGGCAGATTGTGGCACCACGGTTGGCCAGCCTACATCCCCAGTACCTGGTCCGGTGCACC
AGAGCCCAGGGCCAGAAGGGCCAGTACCACACTCAGCCATTGAGGAGAAGGTGATGAAGGGTATTAGGA
GAACGTGCTGCGCCTTCAAGGTGAGGAGCGGACTCCGGGCTCCGAAGCCAAGCACCAGCAATGCCAGCAGC
ATTGCCAGCTGGTTGCGCCTCAAAAAGAGCAAGCTACCAGCTCTGAACCGCCGCACAGAGGCCGCCAAAA
ACAAGGAAGGGGCGGTGGGGCTCCCCGCTCCGGAAGAAGTCAAGACAGAAGCCTGGAAGCTGGAGGC
TGAGAGCCTCAACATTTCAAGCTGATGGCGAAGGCAGAGACCTGCGCAGAGCGCTGGAGGAAGAGAAG
GCATATCTGAGCAGAGCCCGCCACGGCCTGGGGGCCAGCCACAGTGCCAGCCCCAGTGTGGGGCAGC
CACAAGGCCAGTAACCGGCATGTATCAGGGTGCAGACACATTGCAACAGCTACTGAACAGGGTGGA
TGGCAAGGACCTGCCCCCGAGAGCTGGCGGGAGCCCAAGCCTGAGTATGGGGATTTCCAGCCAGTGTCT
AGTGACCCCAAGAGCCCTGGCCTGCCTGTGGGCTCGGAATGGCCTGGTAGGCCGCTGCAGGGGTGCG
GAAAACCGGGGAAGCCCATCAGTGAGCCGGTAGGCGGGAAGCGATGCCCCAGAAGACAACCTGGCCGA
GCCAGTGTCCACCGCGCACTTCACAGCCTGTGGCTCCTTGACTCGGACCTTGGACAGTGGCATTGGGACC
TTCCACCCCCAGATCACAGCAGCAGTGAACCCCCAGCAAGAACCTCCCCAAGACCAAGTCGTTTCGTC
TGGATCCCCCGCAGGGGCGCCGAGCTCGGCCTCCAGGCCTACCAAAGTCCCCCGCGTGCCACAC
GCTAGAACGGGAGGTGCCAGGCATAGAAGAGCTGCTGGTGAGTGGGCGGACCCAGCATGCCCGCCTTT
CCTGCCCTGCTACTGCTCCTCCAGGACACCGCAGCCACCAGACCTGTCTGACGATCCCTGTGAAGACC
CAGGCCCTCCCCGCTGTCCAGCTGGCCAAGAACTGGACCTTTCCCAACACCAGAACATCTGGCAGCAC
CAGTGACCCCTTCTGTGCCACCCGACAACCTGGAGGGACTGCCTAGGACCGCCATGGCCCTGCCCGTG
GACCGAAAACAGAGCCTGGATCCAGCCGACATCTATGCCTCAGGGCCAGCATTTGGAGGCAGCCGTA
CCCCCAGCAGTCAGACATGGGCGAGGAAGGCAGAGTGGCCAGTGGGGCGCTCCCGGGCTGGAGACCTC
AGAATCCCTAAGTGACTCCCTCTATGACTCGCTGTCTCTGCGGGAGTCAGGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001271369

Insert Size:

3978 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001271369.1, NP_001258298.1</u>
RefSeq Size:	4690 bp
RefSeq ORF:	3978 bp
Locus ID:	315297
Cytogenetics:	7q36