

Product datasheet for **RN210176**

Cep97 (NM_001107096) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep97 (NM_001107096) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cep97
Synonyms:	Lrriq2; RGD1307400
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210176 representing NM_001107096
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCGGTGGCGGAGTGCAGCGGGCTTTGGCTCCGGGAGAAGGATCAGTGGTAAACTGGTCAGGGCAGG
 GACTGCAGAAATTAGGGGCCAACTTGCCCTGTGATGCTGATGTTACACATTGATTCTGGATAAAAAATCA
 GATTATAAACTGGAAAATCTGGAGAAATGCAAACAGTTAATACAGTTGTGAGTGGCTAATAATCGCTTG
 GTTCGGATGATGGGTGTGGCCAAGCTGACTCAACTCCGAGTGTTAAATTTACCTCATAATAGTATTGGCT
 GCATGGAAGGGCTGAAGGACCTCGTCCATTTGGAGTGGCTGAATTTAGCGGGCAATAATCTGAAGACCAT
 GGAGCAAATCAATAGCTGTTGAGCTCTGCAGCACCTTGATTTATCAGACAACAACATACCCAGATAGGT
 GATGTATCGAACTGACAGCTCTGAAGACCTTGCTTTTACATGGAATATCATCACTTCTCTCAGAAATGG
 CACCTGCTTATCTACCCAGGAATCTTTCGATACTGTCTTTGGCAGAAAATGAAATCCGAGACTTAAATGA
 GATCTCATTTTTTGGCCTCTTTAAGTGAAGTGAACAGTTATCAATCATGAACAACCTTGTGTGATGGCT
 ACCCCGTCATTCCAGGGTTTGACTATCGACCGTACATTGTGAGTGGTGTCTGAATCTCAGAGTGTCTGG
 ACGGATATGTGATTTCTCAGAAGGAGAGTCTGAAGGCTGAATGGCTCTATAGTCAAGGCAAGGGGAGATC
 GTATCGACCTGGCCAGCATGTCCAGCTTGTCAGTACCTGGCTACAGTTTGTCTCTTATTTCTGCCCTG
 GGTCTTCAGAGTCGAGAGGATGCCAACTGGAGAAGATTCTGAGCAAACAGAGGTTTCACAGAGGCAGC
 TGATGAACCAGAGCCAGAATGAAGAGTTGTCTCTATTGCTGCTGTTGAAACAAGGGTGCCCGTACACC
 TGAGTGTTCAGCCCTGTGCAAGATTCCAGGAAAGCGAACCTGTTCTCCAAATCAATTTCTGGGTGGG
 AGCAGCAGTAATGATGATCAGTTATATGCTGTTAAGAATAACTTCTAGCCACTACACATGCTACAAGAT
 ACTCTCGGAATGACCTTCACCTGAAGACATACAGACAGAGGACAAGCTAACTGTAGTCTGCTCTC
 TTCAGAGTCCACTTTTATGCCAGTTGCATCGGGGCTTTCTCCAGTGTCTCCCACTGTGGAGCTGAGGCTA
 CAGGGCATTAACTTGGGCCTTGAGGATGATGATGGTACAGATGAATTCACGAAAGGACTGGAACACCAGG
 ACTTGGATAAGGACAGGGAGAAGTCTTTATGGGATTGAGATGTTCAAATGCTGAAACGTAAGATCAGCAC
 AGAAGGAAATGAGGAAGCTGGGCTGCTACCTTGTCCTCAAGTATCGATCATCACTGCTCTCTTGAAGGAG
 GATAACCACAGTCTTACATCAGGTGGACACAGTGTGTCCACACAGAACCACAGAGAAGAAGTATGT
 CTCCCACCACTTCAGAGAAATTTCCCTGCAGGATTTTACCCAGAGACCTGTTGCTTTGGGACAAGATAA
 AGTCACCCCTTCAGAACTGAATGCAGCTGCCACTAAGCTTCAGGCCTGTTGGCGAGGCTTTTATACCAGG
 AACTACAACCCACAAGCCAAAGGGGTACGCTATGAAATCCGGCTACGCAGAAATGCAGGAGCACATTGTCT
 GCCTGACAGATGAAGTGCAGGAGTTAAGAAAAGAAAGAGATGAAGAACGTGTGAAGAATTTGTGCAAGA
 GGAGGCTGTGAGGCTCCTTTGGAACGAGGTAAGGGCTCTACAGGCTTGGCAGCAGACAGTGAACACGCT
 CTAGTTTCTGCGATTCTGATGTGCTCTATATCAAGTACTCTGGTGTACCCCAAGCCTCCGTTACTTC
 CACAACATCAGGACCCCTCTTCCGATCAGAATTCGGATTGGCTCATTATTGAGGATGACGCTCCTCAAGA
 GAAATCAGTGCCGACTTTCCGACTCTGGTTTTCACTCCTCCCTGACAGAAAGTTCACTGTTTGCAG
 GATTCTTTGGATTTTGAAGAAAGTTCGGTAGAAAGCAGCGAAACTCCGCGTTGGGGAATCCGCTGACA
 CAGTGAAATACGTCAAAGACCCAGACTCAGAGGCCACAGCTGAGGAGCACAGTGAAGTGAAGGAAAG
 CTCCACCACTGAGCAGGATAACACCTGCTGCAGCAGTATTTAGCTTCAGTCCAGCAGCTGGATGACGCG
 GATGACAGGGCAGGTCCCGACGATATGGCGGGAGACAATAAGCGTCTCCTAGCTTGTCTCCGAAAGGT
 TGGGTGCCTCTGACAGTGAAGCTCATAGAGCATCTCTACTTTACAGGAGGAAATAGCCAGACACCAGA
 GAATTGTAAGTTAAACGAGGAAGTCCAAGGGCAGCCTCCAGAATGTGACACTGCATTTACAGGTGCTGCAA
 GTGGGTGTCACTGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107096

Insert Size: 2538 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:	<u>NM_001107096.1</u> , <u>NP_001100566.1</u>
RefSeq Size:	2817 bp
RefSeq ORF:	2538 bp
Locus ID:	304007
Cytogenetics:	11q12