

Product datasheet for **RN217064**

Cep76 (NM_001100514) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep76 (NM_001100514) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cep76
Synonyms:	CSG11; RGD1305183
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217064 representing NM_001100514
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGCTGCCTCCGGAGAAAGCCTCTGAGCTGAAGCAGCTCATCCACCAGCAGCTGAGCAAGATGGATG
 TCCATGGCAGAATAAGAGAAATCTTGCCGAGACTATACGAGAAGAATTAGCACCTGACCAACAACATTT
 ATCAACAGAAAGATCTGATCAAAGCTCTCAGACGTCGAGGAATCATTGATGATGTAATGAAAGAGCTTAAT
 TTTGTGACTGATAGTGTGATCAAGAACTCCCTTCTTCTCAAAGCAAAGCTGTTGGTTTTGATAAGCAGT
 CAACATTAATAAAAAACTAACATTGACCCAGCACGGAGGTATCTTTACCTTCAGGTTTTGGGTGAAAAAGC
 TTTCTTGAACATCTGCAGAACCGGAGCCTCTGCCGGGCAGATCTGCTCAACTTTCACTCTATGCTTG
 CACTATCGAACACGCGTTTTGCTCAAAGCCTGTGCCCTGCGCTTGCAGCCTGATTTTCACGACGGTT
 TCTTGCTTGAAGTTCACAGAGAAAGTTAGGTGATGGGACTAGAATGGCCGATTAACAACAATGCTATC
 AATAAGTGATCCAATTCACATGGTCTAATCAAACAGACATATTTGGTGAGACCACTTTAGTTGCATCC
 TATTTCCCTGGAATGGAGATCTGTTCTGGGCTCAGAAAAAGGAGTGACCAGCCTGACTGTGGAGCTCATGG
 GTGTAGGCACAGAATCAAAGTTTTCCGTGGGAATTTTAAATATAAAACTCGAAATGTACCCACCCTCAG
 CCAAACGCTGTCTCAAGAAGTAGTGAACACACAGCTTGCCCTTGGAACGCCAGAAAAGTGCAGAGAAAAG
 CGATTATTTCTAGTTTATGCTAAGCAGTGGTGGAGAGATTTTGCAAAATTCGACCCTCACACAATTCAC
 GGCTGGTCAAGATTTTGGCCAGGATGAGAATGGGATAAATAGACCAGTTTGTTCCTATGTTAAGCCACT
 TCGAGCTGGACGACTTCTGGATACTCCGAGACAAGCGGCTCGATTTGTCAATGCCTTGGTTATGAGCGA
 GCCCTGTCAATGGAGGAGCGCAAGCAGGAGCAGTGGTGCCTCTGCTGGCTTCTCTGTAGAAAACA
 AGGGTGATTGTGAAGACCACGTAACCTGCTGTGCAGCCTTCTTCTGGATATGGACTGGAGGCCTTTGT
 CTGTGTTGGGACGAAGGCCAAGGGGCCACCTCATGCATGGGTTATGACCTGTGGAAGTATGGGACCATC
 ATGTTTTGGGAGAGTTTAAACAGGGCACAGGTACATCCACAAGCCTACGAATCCTGATGAACCTCCTCTTG
 CTGAGCAGCCAAACCCCTGTACCCCTACCGAACAGTCGGCTGCGTTTTCAACCATCAGACGTTCTCTGG
 GAACTGTCAACCCCTCGGATGCAGTAGAGACATGCGTATTTGATTTGAATGATGAATCTAAGTGAAACCC
 ATGAGCGAAGAAGCAATTAAGTCTGTGTGCTCCAGGTGCTACTACGCTCTCCCTCCCTTCCCCCTC
 TGTGCGCTCCACGATTGACGCGTCAGCCACGAGCAATGAAATGAAATGCAGCTAAGGCTGCTGGTGTG
 GAAACACAGAAAGGACCTCGGCCTCACTACTGTCTGGGAGACCAGCTCTCTATCTTTTATCACCAGCT
 TTGGCTTCATATGAATTTGAGCGAACGACAAGCATATCTGCAGGCAACGAAGAATTCAGGATGCCATAA
 GGAGGGCTGTACCTGATGGCCACACATTTAAAGGGTCCCATACATTTTGTGTACAGAAATGCAAGGCG
 TGCATTTGCCACTTGTCTTCGGTCTCCTTTTTGTGAAGAAATAATCTGTTGCCGTGGAGACCAGGTGCGA
 CTGGCAGTTCTGTTTCGAGTGTACCTACCCTGAGTCTGCGTGTGCTGTTTGGATCATGTTTGCTTGTA
 AATATCGCTCGGTATTAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII

ACCN: NM_001100514

Insert Size: 1980 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:	<ol style="list-style-type: none">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_001100514.1, NP_001093984.1</u>
RefSeq Size:	2724 bp
RefSeq ORF:	1980 bp
Locus ID:	291540
Cytogenetics:	18q12.1