

Product datasheet for **MC220202**

Cep76 (NM_001081073) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep76 (NM_001081073) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cep76
Synonyms:	6230425F05Rik; 9630013E05
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220202 representing NM_001081073
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGCTGCCTCCGAGAAAGCCTCGGAGCTGAAGCAGCTCATCCACCAGCAGCTGAGCAAGATGGATG
 TCCATGGCAGAATAAGAGAAATCTTGAGAGACTATACGAGAAGAATTAGCACCGGATCAACAACATTT
 ATCAACAGAAGATCTGATCAAAGCTCTAAGACGTCGAGGAATCATTGATGATGTAATGAAAGAATTAAT
 TTTGTGACTGATAGTGTGATCAAGAACTCCCTTCTTCTCAAAGCAAACCGTTGGTTTTGATAAGCAGT
 CAACATTAATAAAAACTAATGTTGATCCAACACGGAGGTATCTTTACCTCAGGTTCTGGTGAAAAAGC
 TTTCTTGAACATCTGCAAGAACCTGAGCCTTTCCTGGACAGATTTGCTCGACTTTCACTTTATGTTTG
 CACTATCGGAACCAACGATTTTCCTCAAACCTGTACCCTGCGCTTGTGAGCCAGATTTCCATGACGGCT
 TTTTGCTTGAAGTTCACAGAGAAAGTTTAGGTGATGGAAGTGAATGGCTGATTCACAACAATGTTATC
 AATAAGTGATCCAATTCACATGGTACTAATCAAACAGACATATTTGGTGAGACCACTTTAGTTGCGTCC
 TATTTCCCTGGAATGGAGATCAGTTTTGGGCTCAGAAAATGGAGTGACCAATCTGACTGTGGAGCTCATGG
 GTGTAGGCACAGAATCAAAGTTTTCCGTGGGAATTTTAAATATAAACTTAAATGTACCCACCGCTCAG
 CCAAACGCTGTCTCAGGAGGTAGTGAACACACAGCTTGCCTTGGAACGTCAGAAAATGCAGAGAAAGAG
 CGATTATTTCTCGTCTATGCTAAGCAGTGGTGGAGGGAGTATTTGCAAATTCGACCTTCTCAACTCAA
 GGCTGGTCAAGATTTTGGCCAGGATGAGAATGGGATAAATAGACCAGTCTGTTCTACGTTAAGCCACT
 TCGAGCTGGACGACTTCTGGATACTCCGAGGCAAGCGGCTCGATTTGTTAATGTCCTTGGTTATGAACGA
 GCCCTGTTATTGGAGGAGGTGGCAAGCAGGAACAGTGGTGCACCTGCTGGCTTTTCTGTAGAAACA
 AGGGTGATTGTGAGGACCAGCTAACCTGCTGTGCAGCCTTCTTCTGGCTATGGACTGGAGGCCCTTGT
 CTGTGTGGGGACTAAGGCCAAGGGGGCGCCGATGCCTGGGTGATGACCTGTGGGACTGATGGCACCATC
 ATGTTTTGGGAGAGTTTAAACAGGGCACAGTACATCCACAAGCCTACCAATCCTGACGGACCTCCACTTG
 CTGAGCAGCCCAAACCACTGTACCCATATCGAACAATTGGTTGTGTTTTCAATCATCAGATGTTCTGGG
 AAATGTCAGCCCTCAGATGCAGTAGAGACCTGCATATTTGATTTGAATGATGAGTCCAAGTGAAACCC
 ATGAGCGAAGAAGCAATTAAGTCTGTGTGCTCCAGGTGCTACTACCTCCCTCCCTCCCTTCCACCTC
 TGTGTGCTCCACGATTGACGCCTCGGTACCAGCAATGAAATCGAAATGCAGCTGAGGCTTCTGGTGTG
 GGAGCACAGAAAGGACCTTGGCCTCACCCTGTCTGGGAAGACCAGCTCTCTATCTTTTGTACCAGCT
 CTGGCCTCGTATGAGTTTGTGAGCGAACAACAAGCATATCTGCAGGCAATGAAGAATTCAGGATGCCATCA
 GGAGGGCTGTACCTGACGGGCACACATTTAAAGGCTTCCCATACATTTTGTGTATAGAAATGCAAGGCG
 TGCATTTGCCACTTGTCTTCGGTCTCCTTTTTGTGAAGAAATAATCTGTTGTCGTGGAGACCAGGTGCGA
 CTGGCAGTTTCGCTTCGAGTGTTTACCTACCCTGAGTCTGCATGTGCTGTTGGATCATGTTTGGTGTGA
 AATATCGCTCAGTATTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081073

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).

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: [NM_001081073.1](#), [NP_001074542.1](#)

RefSeq Size: 3979 bp

RefSeq ORF: 1980 bp

Locus ID: 225659

UniProt ID: [Q0VEI0](#)

Cytogenetics: 18 E1

Gene Summary: Centrosomal protein involved in regulation of centriole duplication. Required to limit centriole duplication to once per cell cycle by preventing centriole reduplication (By similarity).
[UniProtKB/Swiss-Prot Function]