

Product datasheet for **RN203207**

Cep5711 (NM_001017448) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep5711 (NM_001017448) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cep5711
Synonyms:	cep57R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203207 representing NM_001017448
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGAGATGTTTATCGCACAAGAAAAACGAACAAATAAGACAATGGATGCTGAATTACCGCACA
 GTATGATTGGGAGCTACCTTAACCCTCCAGAGAGAATGTATCTCCGTCGTTCTCACAGACCGAAGCATC
 TCAGAATTGCCACCCCGGAGCTCTCCTAAGATGTTTAATAGTCCGAACAACCAAGCCCTTGTTTCAGCA
 TTGAAAACGCTGCAGGAAAAGATCCGGCGTCTGGAGCTGGAGAGGACGCAGGCTGAGGACAATCTGAACC
 TTCTGTCCAGAGAGGCAGCGCAGTACAAGAAGGCCCTGGAGGAGGAGACCAACGAGCGCAACCTGGCGCA
 CGAGGAGCTGACTAGACAGAAGAAAGATATAAGCATACAGTTAAGCTCAGCCAGTCTCGTTGTATTCTT
 CTAGAGAAGCAATTAGAATATACCAAGAGAATGGTTCTCAATGTAGAACGAGAAAAGAATATGATCCTAG
 AACACAGGCCAGCTTCAGAGGGAAAAAGAACAAGATCAGATGAAGCTACACGCTAAACTGGAGAAGCT
 GGAGCTCTTAGAAAAAGAGTGTTTGAGGCTGACGACGCCAGCAGACTGCGGAGGAGAAGATTAATAT
 CTAGAGGAAAAACTAAAGGAGGAGGAGCACCAGCGCAGGCTGTTTCAAGATAGAGCGTGTGAGCTTCAAA
 CTGGACTTGAAATCAGCAAAATCTTAATGTCCACAGTTTCTAGTTCAAAGCTTTGTAAACGAAAGGAAGAA
 ACTACCAAAGAAAATAACTGTTTAAAAGAGAGCCGCCCTCAGCATACGGACTGCAGGTTTAGAGGACCG
 GCTTCTGAGAGAGAGAGGCCCTCCTTTCAGAATGACTTCTTCGGCTAGAGCTGAGCCTCATAGCTCAGGGG
 AGCCATTTTCCATTTGCGACAATTTGTCTGAACTTTGAGGACAATGCAGGATGAGCTGGACCAGATGAA
 TATGGAGCACAGGAGCTCCTGAGGCAATAGCGCAGACCCGGGAGCCATTCGACTCTGAGGAGCTGGAG
 CAGGAGCTGGAGCACTTAGCCAGGAAGATGGAAGCAAAGAAGACCAAATCTCCAAGCTCCAGAAGCATC
 AGGACAGGGTCCGTAACCTGCAGGAAAAAGTTGAGAACTCAAGGATAAATGAATCCTCAGGTATCCATGG
 CAACCCTAAAAGATCAAAGAACTTGAAAACTAGCCCCAGGAAATGTCTGAGTGAAACTAGCGCTTTTCAG
 AAAGACAGAAGTTTTCAACCGGTGAAGTTCACAGTCTGCCTCCGAGGCTGAGGCGGGACGACGTCGAAGT
 GGGAGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001017448
- Insert Size:** 1341 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_001017448.2](#), [NP_001017448.2](#)
RefSeq Size: 1444 bp
RefSeq ORF: 1341 bp
Locus ID: 294519
Cytogenetics: 20q13
Gene Summary: Centrosomal protein which may be required for microtubule attachment to centrosomes.
[UniProtKB/Swiss-Prot Function]