

## Product datasheet for RN202179

### Capza3 (NM\_017164) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Capza3 (NM\_017164) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Capza3  
 Synonyms: Cappa3  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN202179 representing NM\_017164  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCACTCAGCGTCTTAAGTAGGCAAGACAAAGAAAAGGTCATCCACAGACTCTTAATCCAGGCTCCTC  
 CTGGGGAATTCGTGAATGCCTTTGATGATCTCTGTCTGCTTATCCGAGATGAGAAGCTCATGCACCACCA  
 GGGTGAGTGCGCAGGTCATCAGCACTGCCAAAAATACTGTGTCCACTCTGCATCGATGGCAATCCAGTC  
 CTCTTGCTCACCACAATGTGATGGGTGACTTCCGGTTCTTTGACTACCAGAGCAAACCTTTCTTTCAGGT  
 TTGACCTGCTCCAGAATCAGCTGAGAGACATCCAAAGCCACGGAATCATTCCGAATGAGACCCGAGTACCT  
 GAGATCTGTTGTTATGTGTGCCTTAAACTCTACGTGAACGATCACTACCCAAACGGCAACTGCAACGTG  
 CTGAGGAAAACAGTCAAAAACAAGGAGTTCTTAATAGCTTGCAATTGAAGACCACAGCTATGACAATGGAG  
 AGTGTGGAAATGGTCTTTGGAAGTCTAAGTGGATCTTCCAGGTAACCCGTTTCTAACCCAAGTGACAGG  
 AAGGATTTTGTGCAAGCTCACTACTTCAGATGTGTCAACCTTCATGTTGAAGTCTCAAGGACCTCAAG  
 GAGAGCTTGGAGGTGGTCAACCAAGCCAGTTGGCTCTCAGTTTCGCAAGGCTTGTGGAAGAACAAGAAA  
 ATAAGTTTCAAGCTGCTGTAATAGAAGAACTACAGGAGTTGTCTAATGAAGCCCTGAGGAAAAATATTACG  
 GAGGGATCTTCCAGTGACACGCACTTTGATTGACTGGCAACGGATCCTCTCTGACTTGAATCTGGTGATG  
 TACCCCAATTAGGATACGTTATTTACTCCAGGAGTGTGCTGTGCAACTGGATAATA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_017164  
 Insert Size: 900 bp



<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017164.2</a> , <a href="#">NP_058860.2</a>
<b>RefSeq Size:</b>	1222 bp
<b>RefSeq ORF:</b>	900 bp
<b>Locus ID:</b>	29324
<b>Cytogenetics:</b>	4q44
<b>Gene Summary:</b>	putative actin capping protein that may be involved in sperm head formation [RGD, Feb 2006]