

## Product datasheet for **RN212966**

### **Clca4 (NM\_201419) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Clca4 (NM_201419) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clca4
Synonyms:	Clca6; Prp3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212966 representing NM\_201419  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGGGGTTCTCCAGAGGGATTGTTTTCTCTGCTCTGTACCTGCTTCAGGGGTCAGACACCTCT  
 TGGTAAAGCTGAATGAGAATGGTTATGAAGACATTATTATTGCCATCGATCCTGCTGTGTCCGAAGATGT  
 AACAAATATTGACCAAATAAAGGACATGGTGACTAAAGCATCTGCATACCTTTTTGAAGTACAGAAAAA  
 AGATTTTTTTTTCAAAAACGTCTCTATATTAATTCCTGAGAATTGGACAAACAGTGACCAGTACAGGAGGC  
 CAAAGCAGGAAAGCTACAACATGCTGACATTAAGTTGCACCTCCTGCTCTCCAGGGCAGGGATGAGCC  
 CTACACCCGGCAGTTCACAAAGTGTGAAAGAAAGCTGAATACATCCACTTACCCCCGACTTTGTATTG  
 GGGAGAAAAACAAAAGGAATATGGAGATTGAGAAAGACTGTTGGTCCATGAATGGGCCATCTTCGCTGGG  
 GAGTATTTGATGAGTACAACGAAGACCAGCCATTCTACAGTGCTTCATCAAAGAAAAATCGAAGCAACAAG  
 GTGTTCCACAGGTATCAAGGGTATGAATAAAGCCAGGTATGCCAAGGGGGCAGCTGTATAACCAGAAAT  
 TGCAGACGGAATTCACCACACAGTTATATGAAAAAGATTGTCAGTTCTCCCGGATAAAGTTCAAACAG  
 AAAAGTCATCTATAATGTTTCATGCAAAGTATCGATTTCAGTGACTGAATTCTGTAAGAAAAAGAAACATAA  
 TCGAGAGGCTCCAACCTACATAATCAGAAGTGCATTACAGAAGCACATGGGAAGTAATCAGTAATTCT  
 GAGGATTTTTAAAAACAGCACACCCATGGAGATGCCACCCTCTCCACCCTTCTTCTCGCTGCTGAGGATCA  
 GTGAAAGAATTGTGTGCCTAGTGCTTGTGTCTGGGAGCATGGGGTCTTATGATCGCCTCAATCGAAT  
 GAACCAAGCAGCAAAAATCTTCTACAGCAGATACTTGAAGTAGGTCTGGGCAGGGATGGTACACTTT  
 CATAGCTCGGCCACTGTTAAGAGTGAGCTGATCCAAATAAACAGTGATGTCGAGAGAAACCAGCTTTTGG  
 AAACCTTACCTACAAGTGTAGCGGAGGGATCCATCTGCTCTGGAATCAGAAGTGCATTTTCAGGTATT  
 TAAAAATAAAGGATACCAAACCTGGTGGGAATGACATCTTGTCTGTTGAGCGATGGGGAGGACAGCAGCC  
 AAAGACTGCCTTGATGAGGTGAAAGACAGCGGGCCGTAGTTCATTTTCATTGCCTTGGGAAAAGCATTG  
 ATCAATCTATATCAAACATGGCCAACGTAACAGGTGGAAGCAACTGTTTGTACAGATGAAGCCAGAA  
 CAATGGACTCATTGATGCTTTTCGGGGCCCTGGCTTCAGAAAAATGCTGATGTCAGTGAAGTCCCTTCAG  
 CTTGAAAGCAAGGGTGTGTGTGACCAACAGTCGCTGGCTGAACGACTGTCGTTATTGACAGCACCG  
 TGGGAAAGGACACATACTTTCTGTACCTGGAGCCAACAAGCCCTGCCATTCTCAGGGATCCCAA  
 AGGAACACAAATAACAAATTTACAATCGACACGGCTTCAAAAATGGCCTATCTCACTATCCCAGGAATT  
 GCTGAGGTTCGGGCTTTGGACTTACAACCTTGAAGCCAAAGTAGACTCAGAGATACTAACAATTACAGTAA  
 CTTCTCGGCATCACGCTCTTGTGCCACCCATCATTGTAATGCAAAAAGTTAACACAGACACGAAACAG  
 TTTCCCAAGTCCAATGATTGTGTATGCAGAAGTTCTACAAGGTTACACTCCCATCATTGGAGCACGCGTG  
 ACAGCTACCATAGAATCAAAATAGTGGAAAAACAGAAGAGCTAGTACTGCTGGACAATGGTGCAGGGGCTG  
 ATGCTTTCAAGGATGACGGGGTCTACTCCAGGTAATTCACGGCTTATTAGATAATGGCAGATATAGCGT  
 AAAGGTCGCGCAGACGGAGGAACAACTCTGCCCGGAGAAGTTCACGGCATCCGTCCAGCAGAGCGGCA  
 TACATACCAGGCTGGGTAGTGGATGGAGAAATCAAGGGAACCCACCCAGACCTGAAACTACTGAGGACA  
 CTCAGCCCGTCTGGAGAATTTACAGCAGGACGGCATCTGGAGGTGCCTTTGTGATGTCCAAGTCCCAGC  
 TCTTCCATTGCCTGATCAGTACCCACCAATCAAAATCACAGACCTCCAGGCCACACTTGTATGGGAAAAAG  
 ATCAGTCTAACATGGACGGCACCAGGAGATGACTTTGATGTTGGAAGAGTTCAACAGTATATCATAAGAA  
 CAAGTGAATAATCATTGACCTCAGAGACAATTTAATAAGTCTCTTCAGGTTAATACTCACCTGAT  
 ACCAAAAGAAGCCAACCTCAAGGAAACCTTTGCCTTTAAACCAGAAACTATCTCAGGAGAAAAACGCAACC  
 TACATATTCAATGGCATTGAAAGTGTGACAAAAAGCAATTTGCACTCCGGACTGTCCAACATCGCACAAG  
 TAGCACTGTTACCCCTCAGGCAGATCCTGTCCCTGAGGAAAGTCCCAGTCTGGAGTTAGTATCACTAC  
 GATTGTCTGTCTGTGGTGGGCGCGTGTACTAGTTTGTATCATTGTAAGTACCAGTCTTTGTATCTTA  
 AAGAGAAAAAGGTCCTCCTCAGGGCCTGCAACAACATTT**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

<b>ACCN:</b>	NM_201419
<b>Insert Size:</b>	2772 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>	<u><a href="#">NM_201419.1</a></u> , <u><a href="#">NP_958822.1</a></u>
<b>RefSeq Size:</b>	3097 bp
<b>RefSeq ORF:</b>	2772 bp
<b>Locus ID:</b>	362053
<b>Cytogenetics:</b>	2q44