

## Product datasheet for **MC222650**

### Clca4b (NM\_001033199) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clca4b (NM_001033199) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clca4b
Synonyms:	A1747448; Clca7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222650 representing NM\_001033199  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATGGCTTTCTCCAGAGGGCCTGTTTTCTCCTCTTCTTGTACCTGCTTTGGGGTCCAGACACTT  
 CCTTGATAAAGCTGAATGGGAATGGTTATGAAGACATCATTATTGCCATTGATCCTGCTGTGCCAGAAGA  
 TACAACAATAATTGAACACATAAAGGGAATGGTACTAAAGCATCTACATACCTTTTTGAAGCTACAGAA  
 AAAAGATTTTTCTCAAAAATGTGTCTATTAATTCTGAGAGTTGGAAAAACAGTTCCAGTACAGAA  
 GGCCAAAACAGGAGAGTTACAAGCATGCTGACATTAAAGTGGCACCTCCCGCTTCGAGGGCAGAGATGA  
 GCCCTACACCAGGAGTTACACAGTGTGAAGAGAAAAGCAGAATACATTCACCTCACCCCTGACTTTGTA  
 CTGGGGAGAAAACAAGTTGAATATGGAGATTCCAGAAAAGTGTGGTCCATGAATGGGCCACCTTCGCT  
 GGGGAGTATTTGATGAGTACAACGAAGACCAGCCATTCTACAGTCTTCATCAAAGAAAAATCGAAGCAAC  
 AAGGTGCTCCACAGGTATCACGGGTATGAATAGAGTCCATACATGCCAAGGGGGCAGCTGTATAACCAGA  
 AGGTGCAGAACTAATCCACCACAAAGTTATATGAAAAGGATTGTCAAGTCTTCCAGATAAAGTTCAAT  
 CAGAAAAGGCATCCATAATGTTTCATGCAAAGTATCGATTCTGTGACTGAGTTCTGTAAAAAGAAAACCA  
 TAATCGAGAGGCTCCAACCTACATAATGAAAAGTGCCAATGGAGAAGCACTTGGGAAGTAAATCAGCAGT  
 TCTGAGGATTTTAAACAGCAGCACGCCCATGGAGACACCACCGCTCCACCCTTCTTCCCTGCTGAGGA  
 TCAGTGAGAGAATTGTGTGCCTAGTTCTTGATGTGTCCAGGGAGTATGAGTTCTTCTGACCGTCTGAATAG  
 AATGAACCAAGCAGCAAAATACTTTCTAAGCCAGATAATTGAAAATAGGTCTGGGTAGGGATGGTGAC  
 TTTAGTAGCCAGGCCACTATTGTGCATGAGCTGATCCAATGAACAGTGACATCGAGAGAAAACAAGCTCT  
 TGCAAAGCTTACCTACAAGTCCATTGGAGGGAGCTCCATCTGCTTGGAAATCAAGACTGCATTTCAAGGT  
 ATTTAAAAATGGAGAATACCAAACAGATGGGACTGAGATCTTGCTGTTGAGTGATGGGGAGGACAGCACA  
 GCCAAAGACTGTATTGACGAGGTGAAAGACAGCGGGTCCATAGTTTCAATTCATTGCCTTGGGACCATCGG  
 CTGACTTAGCTGTAAACAACATGAGCATTTTAAACAGGTGGAAACCATAAGCTTGCTACAGATGAAGCCCA  
 GAACAATGGACTCATTGATGCTTTCGGGGCCCTGGCTTCAGAAAATACTGATATCACCCAGAAGTCACTT  
 CAGCTTGAAGTAAGGGTCCATACTGAATAATAGCCTCTGGCTGAATGACACTGTTGTAATTGACAGCA  
 CCGTGGGAAGGGACACATTTCTTCTGTCACCTGGAGCAAACAAGCCCTGCCATTTATCTCAGGGATCC  
 CAAAGGAACACAAACCACCAATTTACAATGGACTTTGTTTCAAATGGCTATCTCAGTATCCCAGGA  
 ACAGCTGAGGTGGCGTTTGGACTTACAACCTGGAAGCCAAAGAAAACCTCAGAGATACTAACAAATACAG  
 TAACCTCTCGGGCAGCAATTTCTGTGCCACCAATCTCTGTAATGCTAAGGTAACACGAGACTAA  
 CACTTTCCCGAGCCCAATGATTGTGTATGCTGAAGTTCTACAAGGTACACTCCTATCATTGGAGCCCGA  
 GTGACAGCCACCATAGAATCTAACAGTGGGAAGACAGAAGAGCTAGTCTGCTGGACAACGGTGCAGGGG  
 CTGATGCTTTCAAGGATGATGGGGTCTACTCCAGGTTCTTACAGCTTATCAGTGAATGGCAGGTATAG  
 CTTAAAAGTCCGTGCAGATGGAGGAACAACTCTGCCAGGAGGAGTTTACGCCACCCATCAAGCAGAGCT  
 GCATACATACCAGGCTGGGTAGTAGATGGAGAAATCAAGGGAACCCACCCAGACCCGAAATGACTGAGG  
 CTACTCAGCCAGTCTAGAGAATTTAGCAGGACAGCATCTGGAGGTGCCTTTGTGATGTCCAATGTTCC  
 AATTGGTCCATTGCCTGATCAGTACCCACCAAATCGAATCACAGACCTCCAGGCCACACTCGATGGGGAA  
 GAGATCAGTCTAACATGGACGGCCCGAGGAGATGATTATGATGTTGGAAGAGTTAACAGTATATCATAA  
 GAACAAGCGAAAATATCATTGATCTCAGAGACAATTTAATAATTCTTTCGGGTTGATACTACTAACT  
 TACACCAAAAAGAGCCAACTCCAAGAAAACCTTTGCCTTTAAACCAGAAAATATCTCAGAAGAAAATGCA  
 ACCTACATATTCAATGCCATTGAAAGTGTGCACAAAAACAATTTGAGTTCGGGACCATCCAACATCGCAC  
 AAGTGGCAATGTTACCCCTCAGGCAGAGCCTGTCCCTGATGAAAGTCCACGTTTCATCAGGAGTTAGTAT  
 TTCTACTATTGTCTGTCTGTGGTGGGCTCTGTTGTAAGTTGATTATTGTAAGTACCACTATTTGT  
 ATCTTAAAGAACAAAAGGTCTCATCAGGAGCTGCAACAACATTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001033199
<b>Insert Size:</b>	2778 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_001033199.3</a></u> , <u><a href="#">NP_001028371.1</a></u>
<b>RefSeq Size:</b>	2997 bp
<b>RefSeq ORF:</b>	2778 bp
<b>Locus ID:</b>	99709
<b>Cytogenetics:</b>	3 H2