

Product datasheet for **MC222649**

Clca4a (NM_207208) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clca4a (NM_207208) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clca4a
Synonyms:	9130020L07Rik; AI504701; Clca4; Clca6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222649 representing NM_207208
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGCTTTCTCCAGAGGGCCTGTTTTCTCTCTCTCTCTGTACCTGCTTTGGGGTCCAGACACTT
 CCTTGATAAGGCTGAATGAGAATGGTTATGAAGACATCATTATTGCCATTGATCCTGCTGTGCCAGAAGA
 TACAACAATAATTGAACACATAAAGGGAATGGTACTAAAGCATCTACATACCTTTTTGAAGCTACAGAA
 AAAAGATTTTTCTCAAAAATGTATCTATATTAATTCCTGAGAGTTGGAAAGACAGTCCCAGTACAGGA
 GGCCAAAACAGGAGAGTTACAAGCATGCTGACATTAAGTGGCACCTCCCACCGTTGAGGGCAGAGATGA
 GCCCTACACCAGGCAATTCACACAGTGTGAAGAGAAAAGCAGAATACATCCACTTCACCCCTGACTTTGTA
 CTGGGGAGAAAACAAGATGAATATGGAGATTCCAGGAAAAGTGTGGTCCATGAATGGGCCACCTTCGCT
 GGGGAGTATTTGATGAATACAATGAAGACCAGCCATTCTACAGCGCTTCATCAAAGAAAATCGAAGCAAC
 AAGGTGCTCCACAGGTATCACGGGGACGAATAGAGTCTATGCATGCCAAGGGGGCAGCTGTGCGATGAGA
 AGGTGCAGAACTAATCCACCACAAAGTTATATGAAAAGGATTGTCAATTCCTCCCTGATAAAGTTCAAT
 CAGAAAAGGCTTCCATAATGTTTCATGCAAAGTATCGATTCTGTGACTGAATTCGTAAAAAGGAAAACCA
 TAATCGAGAGGCTCCAACCTCTACATAATAAAAAGTGAATTACAGAAGCACTTGGGAAGTAAATCAGCACT
 TCTGAGGATTTTAAACAGCAGCACGCCATGGAGACGTCACCCCTCTCCACCCTTCTCTCCCTGCTGAGGA
 TCAGTGAGAGAATTATGTGCCTAGTTCCTTGATGTGTCTGGGAGTATGACTTCTTATGATCGCCTGAATCG
 AATGAACCAAGCAGCAAAATACTTTCTAAGCCAGATAATTGAAAATAGGTCTGGGTAGGGATGGTGAC
 TTTAGTAGCCAGGCCACTATTGTGCATGAGCTGATCCAATAAACAGTGACATCGAGAGAAAACAGCTCT
 TGCAAACCTTACCTACAAGTGCCAATGGAGGGACGTCCATCTGCTGGAATCAAGGCTGCATTTCAAGT
 ATTTAAAAATGGAGAATACCAAACAGATGGGACTGAGATCTTGCTGTTGAGTGATGGTGAGGACAGCACA
 GCCAAAGACTGTATTGATGAGGTGAAAGACAGCGGGTCCATAGTTCATTTATTGCCTTGGGACCATCGG
 CTGACTTAGCTGTAAACAACATGAGCATTTTAAACAGGTGGAACCATAAGCTTGCTACAGATGAAGCCCA
 GAACAATGGACTCATTGATGCTTTCGGGGCCCTGGCTTCAGAAAATGCTGATATCACCCAGAAGTCACTT
 CAGCTTGAAGTAAGGGTGCCATACTGAACAATAGCCTCTGGCTGAATGACACTGTTGTAATTGACAGCA
 CCTTGGGAAGGGACACATTTCTTGTACCTGGAGCAAACAAGCCCTGCCATTTATCTCAGGGATCC
 CAAAGGAACACAAACCACCAATTTACAATGGACTCTGCTTCAAATGGCTATCTCAGTATTCCAGGA
 ACAGCTCAGGTGGGTGTTGGACTTACAACCTGGAAGCCAAAGAAAACCTCAGAGATACTAACGATTACAG
 TAACCTCTCGGGCAGCAATTTCTGTGCCACCAATCACTGTAATGCTAAGGTAACACGAGACTAA
 CACTTTCCCCAGCCCAATGATTGTGATGCTGAAGTCTACAAGTTTACTCCCATCATTGGAGCCCGA
 GTGACAGCCACCATAGAATCTAACAGTGGGAAGACAGAAGAGCTAGTCTTCTGGACAACGGTGCAGGGG
 CTGATGCTTTCAAGGATGATGGGGTCTACTCCAGGTTCTTACAGCTTATCAGTGAATGGCAGGTATAG
 CTTAAAAGTCCGTGCAGATGGAGGAAGAAATCTGCGAGGAGGAGTTTACGCCACCCATCAAGCAGAGCT
 GCATACATACCAGGCTGGGTAGTAGATGGAGAAATTCAGGGAACCCACCCAGACCCGAAACGACTGAGG
 CTACTCAGCCAGTCTTGGAGATTTCAGCAGGACAGCATCTGGAGGTGCCTTTGTGATGTCCAATGTTCC
 AATTGGTCCATTGCCTGATGTATACCCACCAAATCGAATCACAGACCTCCAGGCCACACTCGATGGGGAA
 GAGATCAGTCTAACATGGACGGCCCCAGGAGATGATTATGATGTTGGAAGAGTTAACAGTATATCATAA
 GAACAAGCAAAAACATCATTGAACTGAGAGACAATTTTAACTCTCCTCGGGTTGATACAACCTAACCT
 TACACCAAAAAGAAGCCAACTCCGAGGAAACCTTTGCCTTTAAACCAGAAAATATCACAGAAGAAAATGCA
 ACGTACATATTCAATGCCATTGAAAGTGTGCACAAAAGCAGTTTGGAGTTCGGGACCATCCAACATCGCAC
 AAGTGGCACTGTTACCCCTCAGGCAGAGCCTGACCCTGATGAAAGTCCAAGTTTATCAGGAGTTAGTGT
 TGCTACTATTGTCTGTCTGTTTTGGGCGCTCTGTTCTAGTTTGTATTATTGTAGGTACCACAATTTGT
 ATCTTAAAGAACAAAAGGTCCTCATCAGCAGCTATAACAAAATTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_207208
Insert Size:	2778 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:	<ol style="list-style-type: none">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_207208.3 , NP_997091.3
RefSeq Size:	2998 bp
RefSeq ORF:	2778 bp
Locus ID:	99663
Cytogenetics:	3 H2