

Product datasheet for **RN206112**

Clca1 (NM_001107449) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clca1 (NM_001107449) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clca1
Synonyms:	Clca3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN206112 representing NM_001107449

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGATCTTTGAAGAGTCTGTCTTCCTCTTGGTCTCTACCTTCTGGAAGGGTTCTGAGCAATTCCC
TCATCCAGTTGAACAACAATGGCTATGAAGGCATCGTCATTGCCATAGACCACGATGTGCCAGAAGATGA
AGCCCTCATCCAACGGATAAAGGACATGGTGACTCAGGCCTCTCCATACCTGTTTGAAGTACAGGGAAA
AGATTTTACTTCAAAAATGTTGCCATTTTGATTCTGAGAATTGGAACACAAAACCTGAATAAAGAGGC
CAAACTTGAAACCTTAAAAATGCTGATGTCCTTGTGTCAACAATGAGCCCCATAGGTAATGATGAGCC
CTACACCGAGCACATAGGAGCATGTGGAGAAAGGGGGATCAGGATTCACCTGACTCCTGACTTCTAGCA
GGAAAGAAGCAGACTGAGTATGGCCACAAGACAGGACGTTTGTTCATGAGTGGGCTCACTCCGATGGG
GGGTGTTTGACGAGTACAACAACAACGAGAAGTTCTACTTGTCCAACGGAAAGCCCCAGGCAGTAAGATG
TTCGGCAACCATTACCGGTAACATGTAGTTTCGTCGGTGCCAGGGAGGCAGTTGCGTCACTAACGGAAAG
TGGTAATCGACAGAGTAACGGGACTGTATAAAGATAACTGTGTATTCATACCAGATAAAAAACCAGAGAG
AGAAGGCGTCCATCATGTTTAAACAAAATATCAACTCTGTGGTTGAATTCTGTACAGAAAAAATACAA
TAAAGAAGCCCCAATGCCCAAAACCAACGATGCAACCTCCGAAGCACTTGGGAAGTCACTCCAGGAATCT
GAGGACTTCAAGCAAACCACTCCCATGACAGCCAGCCACCCGCACCCACCTTCTCACTGCTGCAAAACCA
GACAAAGAATCGTGTGCCTCGTTCCTTGAATCCGGGAGCATGCAGAGCGATAACCGTCTTAAACCGAAT
GAATCAGGCAAGCCGGCTTTTCTGTGACAGACTGTGGAGCAGGGATCCTGGGTCGGGATGGTGACCTTC
GACAGTACCGCTATGTACAAGCGAACTCACACAGTTAAACAGTGGTGTGACAGAGACCTGCTGATCA
AGCGCTTACCCACAGTAGCTTCAGGAGGACGCTATATGCTCTGGGCTCAGGCAGACTTACATCGAT
AAAGAAGAAGTACCCGACGGATGGAGCTGAAATCGTGTGCTGCTGACCGACGGGGAAGATAACACCATTAGC
AGCTGCTTTGACCTGGTGAAGAACAGTGGGGCCATCATTACACAGTGGCCCTGGGACCGCTGCGCGCTA
AAGAGCTTGAACAGCTGTCCAAAATGACAGGAGGCTTGCAAACGTATTCTTCCGATCAGATTCAGAACAA
CGGTCTTGTTGATGCTTTCGACGCTCTCTCCTCAGGAAATGCAGCTATCTCTCAGCACTCCATCCAGCTG
GAGAGCAGAGGAGTTAATCTCCAGAATAAGCAGTGGATGAATGGCTCAGTATCGTGACAGCACAGTGG
GGAAGGACACCTGTTTCTGTACCTGGACTACGAATTCCTTCAATATTTATCTGGGATCCCAGTGG
AGTGCAACAAAGTGGTTTTGACTAGACACCAACCAAGGTGGCTACCTCCAAGTCCCAGGCATAGCC
AAGTTGGCTTTTGGAAATACAGCATTCAAGCGAGCTCACAGACTCTCACTTTGACTGTACCTCCCGGG
CAGCAAGCGCTACACTGCCTCCAATTACAGTGACCCAGTAGTGAATAAGAACACAGGGAATTCCCAG
CCCTGTAACCGTGTATGCAAGCATTGCAAGGAGCCTCGCTATTCTCAGGGCCAGTGTACAGCCCTG
ATTGAATCTGTGAATGGAAAAACAGTAACCCTGGAATTAAGGATAACCGAGCAGGTGCCGATGCTACCA
AGAATGATGGTGTCTACTCAAGTTTTTTACAGCTTTTGTAGTGAATGGTAGATACAGCATCAAAAATATG
GGCTCTGGGAGGAGTTACTGCAGACAGACAGAGAATGGCCCTCAGAGGAATGGAGTCAATGTACATAGAT
GGCTGGATTGAAGACGACGGTGAATAAAAAATGAATCCACCACACCCTGAAACTGGTAATGTTCAAGACA
GCCAAGTGTGCTTCAGCAGGACATCCTCAGGGGGATCGTTTGTGGCCACCAACGTCCTCCGACGCTCCAT
TCCTGACCTCTTCCACCTTGCCAAATCACTGACCTGAAGGCTAGCATTCAAGGGCAGAACCTTGTGAAT
CTGACGTGGACGGCTCCTGGGGATGATTACGACCACGGGAGAGCTTCCAGTTACATCATCCGAATAAGCA
CGAGTATCGTCGATCTCAGAAACAACCTCAGCACCTCACTCGAAGTGAACACTACCGATCTCATCCCCAA
GGAGGCCAGTCCGAGGAAATGTTTGTGTTGAACTGGACAACAGCTTTGGAAATGGCACAGATGTCTTC
ATTGCTATCCAGGCTGTGGATAAGTCCAACCTGAAATCAGAAATCTCCAACATTGCCCGGTGTCTCTGT
TCATCCCCGCTCAGGAGCCGCCAGAAGACTCAACTCCTTCTTATCCCGAAGTCAGCATCAACAGCACGAT
TCCTGGCATCCACGTGCTGAATATAGTGTGGAAGTGGCTAGGGGAAATGCATGTGACACTAGGTTTGAC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_001107449
Insert Size:	2733 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:	<u>NM_001107449.1</u> , <u>NP_001100919.1</u>
RefSeq Size:	3608 bp
RefSeq ORF:	2733 bp
Locus ID:	308015
Cytogenetics:	2q44