

Product datasheet for **RN212863**

Clcn3 (NM_053363) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clcn3 (NM_053363) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clcn3
Synonyms:	CIC-3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212863 representing NM_053363
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGTCTGAGCAGCTGTTCCATAGAGGCTACTATAGAAACAGCTACAACAGCATAACGAGCGCGAGTA
 GCGATGAGGAGCTCTAGATGGAGCAGGTGCTATTATGGACTTTCAGACTTCCGAAGACGACAATTTGTT
 AGACGGTGACACAGCAGCTGGAACCTATTATACAATGACAAATGGAGGCAGCATTAAACAGCTCCACACAC
 TTGCTGGATCTTTTGGATGAGCCATCCAGGTGTCGGTACATACGATGATTTCCATACTATTGACTGGG
 TGCGAGAAAAGTGAAGGACAGAGAAAGGCACAGACGGATCAACAGTAAAAAAGAAATCAGCATGGGA
 AATGACAAAAGTCTATATGATGCTTGGTCAGGATGGCTGTAGTTACTGACGGGATTGGCGTCAGGG
 GCGCTGGCTGGATTGATAGACATTGCTGCTGACTGGATGACTGACCTGAAAGAGGGCATCTGCCTCAGTG
 CATTGTGGTACAACCATGAACAGTGTGTTGGGGCTCTAATGAGACGACGTTTGAAGAGAGGGATAAATG
 TCCACAGTGGAAAACATGGGCAGAGTTAATCATAGGTCAAGCAGAGGGTCTGGATCTTATATCATGAAC
 TACATCATGTACATCTTTTGGGCTTTGAGTTTTGCCTTCTTGCAGTTTCTTGGTGAAAGTATTTGCTC
 CGTATGCCTGTGGCTCCGGAATCCAGAGATTAATACTATTTTGGAGTGGATTCATCATCAGAGGTTACTT
 GGGAAAGTGGACTTTAATGATTAACCATCACATTAGTGTGGCTGTGGCATCAGGTTTGGATTTAGGA
 AAAGAAGTCCCTTGGTACATGTTGCCTGCTGTGGAAATATCTTTTCTACCTCTTCCAAAGTATA
 GCACAAATGAAGCTAAAAAGAGGGAGGTGCTGTGAGCCGCTCAGCTGCTGGTGTCTCTGTGGCTTTTGG
 TGCGCAAATGGAGGAGTGTCTTTAGTTGGAGGAGGTAGCTATTATTTCTCTCAAACTTTATGG
 AGATCGTTTTTTGCTGCTTTGGTGGCGGCTTTGTTTTGAGATCCATCAATCCATTTGGTAACAGCCGTC
 TGGTCTTTTTTATGTGGAGTACATACACCATGGTACCTTTTTGAACTGTTTCTTTTTATCTCTTAGG
 GGATTTGGAGGGCTTTGGGGAGCTTTTTTTATTAGGGCAAATATTGCCTGGTGTGCGCCGACGCAAGTCC
 ACCAAATTTGAAAAGTATCCTGTTCTTGAAGTCATTATTGTTGCAGCCATTACTGCTGTGATAGCCTTCC
 CCAACCCATACACAAGGCTCAACACCAGTGAAGTATTAAGAGCTGTTTACAGACTGTGGCCCTTGGGA
 ATCCTCTCTCTTTGTGACTACAGAAATGACATGAATGCCAGTAAAATTGTTGATGATATCCTGACCGA
 CCAGCAGGCGTTGGAGTATATTCAGCTATCTGGCAGTTGTGCCTAGCACTCATATTTAAAATAAATGA
 CAGTATCACTTTTGGTATCAAGGTCCCGTCGGGCCTGTTATCCCAGCATGGCGATCGGAGCCATTGC
 AGGGAGGATTGTGGGATTGCTGTGGAGCAGCTCGCTACTACCACCAGACTGGTTCATCTTCAAGGAG
 TGGTGTGAGGTCGGGCTGACTGCATCACTCCTGGGCTGTATGCCATGGTTGGTGTGCCGATGCTTAG
 GTGGTGTGACAAGAATGACTGTCTCTGTTGGTATTGTTTTGAACTTACTGGAGGCTTGAATATAT
 TGTTCCTTATGGTGCAGTAATGACCAGTAAATGGGTTGGTGTGATGCCTTTGGTAGGGAAGGATTTTAT
 GAAGCACACATCCGACTAAATGGGTACCCTTCTTGGATGCAAAAAGAAGTACTCATACAACCTTGG
 CTGCTGATGTCATGAGACCTCGAAGAAGTGACCCTCCCTTAGCTGTTTTGACACAGGACAATATGACAGT
 AGATGACATAGAAAACATGATTAATGAGACCAGCTATAATGGCTTTCCTGTTATAATGTCAAAAAGTCT
 CAGAGATTAGTGGGATTTGCCCTCAGAAGAGACCTGACAATTGCAATAGAAAAGTCCAGAAAAAACAAG
 AAGGTGTTGTTGGCAGTCTCGGGTGTCTTTGCCAACACACTCCATCTTCCAGCAGAAAGTCTCG
 GCCATTAACACTGAGAAGCATCTTGACATGAGTCCTTTTACAGTGACAGACCACCCCAATGGAGATT
 GTGGTAGACATCTCCGAAAGCTTGGTCTGAGGCAGTGCCTTGTACTCAAAATGGGCGCCTCCTTGCCA
 TTATAACAAAAAAGATATCCTCCGTCATATGGCCAGACGGCAACCAAGACCCCGCTTCAATAATGTT
 CAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053363
Insert Size: 2457 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_053363.2 , NP_445815.2
RefSeq Size:	3826 bp
RefSeq ORF:	2457 bp
Locus ID:	84360
UniProt ID:	P51792
Cytogenetics:	16p12
Gene Summary:	mediates transepithelial chloride transport [RGD, Feb 2006]