

Product datasheet for **RN202682**

Clcn6 (NM_001106479) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clcn6 (NM_001106479) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clcn6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202682 representing NM_001106479
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGGTGCAGGGGTCTGTGTGCTGCTGCTGCAGGTGGTGTGCTGCTGCGCGCAACGCGAGAGCC
 GCACTCCCGAGGAGCTGACCATCCTTGGGAGACACAGGAAGAGGAAGATGAGATCCTTCCAAGGAAAGA
 CTATGAGAGTCTGGACTATGACCCTGTATCAACGACCCTTACCTGGAGGTATTGGAGACCATGGATAAT
 AAGAAAGGGCGAAGACATGAGGCGGTGAAGTGGATGGTGGTGTGGCCATTGGCGTCTGTACTGGGCTGG
 TGGGCCTCTTCGTGGACTTTTCTGTGCGACTCTTACCCAACCAAGTTCGGAGTGGTTCAAACGTCGGT
 GGAGGAATGCAGTCAGAAAGGCTGCCTTGCCCTGTCTCTCTGGAACCTCCTTGGCTTTAACTTGACCTTT
 GTCTTCTGGCAAGCCTTCTGTCTTGATAGAGCCGGTGCAGCAGGCTCTGGAATCCAGAGATCAAGT
 GCTATCTGAATGGTGTGAAAGTCCAGGAATTGTCGGCTCCGAACCCTGCTCTGCAAAGCTTTGGGGT
 GCTGTTCAAGTGTGGCTGGAGGGCTTTTGTGGGAAAGAAGGCCCATGATCCACAGTGGTCCCGTGGTA
 GGAGCTGGCCTCCCTCAGTTTCAGAGCATCTCCTAAGGAAGATCCAGTTAACTTCCCCTACTTCCGCA
 GCGACAGAGACAAGCGTGACTTCGTATCAGCAGGGCGGCTGCTGGAGTTGCTGCAGCTTTTGGGCCCC
 TATAGGGGGCACCTTGTTGAGCCTGGAGGAGGGCTCGTCTTCTGGAACCAAGGACTCACGTGAAAAGTG
 CTCTTCTGTTCCATGCTGCCACCTTACCCTCAACTTCTCCGCTCTGGGATCCAGTTTGGAAAGTTGGG
 GTGCCCTCCAGCTGCCTGGACTGCTGAACCTTGGTGAATTAAGTGTCTGACTCTGATAAAAAATGTCA
 TCTCTGGACAGCTATGGATTTGGGTTTCTTCGTCGTGATGGGGTTCATTGGGGCCCTCTGGGAGCCACA
 TTCAACTGTCTGAACAAGAGGCTTGCAAAGTACCGTATGCGCAACGTGCACCCGAAACCTAAGCTCGTCA
 GGGTCTTAGAGAGCCTCTTGGTGTCCCTGGTACGACTGTGGTGGTGTGGTGGTGGTGGTGGTGGTGGT
 AGAATGCCGACAGATGTCTTCCACGAGTCAAACGGGTAATGGCTCATTCCAGCTCCAGGTCACATCGGAA
 GATGTGAATCAACTATCAAGACATTTTCTGTCCCAATGACACCTACAACGACATGGCCACACTCTTCT
 TCAACTCCAGGAGTCTGCCATCCTGCAGCTCTTCCATCAGGATGGGACTTTCAGCCCCGTACCCTGGC
 CTTATTCTTCGCCCTCTATTTCTGATGGCATGCTGGACTTTCGGCACCTCTGTCCCCAGTGGCCTCTTC
 GTGCCCTCCCTGCTGTGTGGAGCAGCTTTTGGACGTTTAGTTGCCAATGCTCTGAAAAGCTACATTGGAC
 TGGGCCACCTCTATTCTGGGACCTTCGCCCTGATTGGTGCAGCAGCTTCTTGGTGGGGTGTGAAGAAT
 GACCATCAGCCTCACAGTCATCCTGATTGAGTCCACAAATGAGATCACCTATGGGCTTCTATTATGGTC
 ACTTTGATGGTGGCCAAGTGGACTGGAGACTTTTTCAATAAGGGCATTACGACATCCACATTGGGCTGA
 GAGGTGTGCCCTTCTGGAGTGGGAGACAGAGGTGGAGATGGACAGGCTGAGAGCCAGCGACATCATGGA
 GCCCAACTTGACGTATGTCTACCCACATACTCGTATCCAGTCTCTGGTGGAGCATCCTGCGTACTACAGTC
 CACCATGCCTTCCAGTGGTCACAGAGAATCGCGGCAACGAGAAGGAGTTCATGAAAAGCAACCAGCTCA
 TAAGCAACAACATTAAGTTCAAGAAGTCCAGCATCCTCACCCGTGCTGGTGGAGCAGCGCAAGCGGGCCA
 GTCCATGAAGTCTTACCCTTCCAGCGAGCTGCGCAACGTGTGTGATGAGCATGTGGCTTCTGAGGAGCCA
 GCAGAGAAGGAGGACCTGCTACAGCAGATGCTGGAGAGGAGATACACTCCCTACCCCAACCTATACCCTG
 ACCAGTCCCGAGTGAAGACTGGACCATGGAGGAGCGATTCCGTCCGCTGACCTTCCATGGCCTCGTCT
 CGCTCCCAGCTCGTACCCTGCTCGTCCGAGGCGTGTGTTACTCGGAAAGTCAGTCCAGTGGCAGCCAA
 CCACGCCCTTCTTATGCTGAGATGGCTGAGGACTACCCGAGGTTTCCGGACATACATGACCTGGACCTCA
 CACTGCTGAATCCCGCATGATTGTGGACGTCACACCATATATGAATCCTTACCATTACTGTCTCCCC
 CAACACCCACGTTTCTCAAGTTTTCAACCTGTTCAGAACCATGGGCTGCGCCACTTGGCGGTGGTGAAT
 GCGGTGGGCGAGATCGTGGGGATCATTACAGCACAACTGACGACTGAGTTCTGCAGGCCCGGCTAC
 GGCAGCATTACCAGACCCT**TGA**

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106479
Insert Size: 2613 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_001106479.1</u> , <u>NP_001099949.1</u>
RefSeq Size:	3305 bp
RefSeq ORF:	2613 bp
Locus ID:	295586
Cytogenetics:	5q36