

Product datasheet for **MC221707**

Clcn7 (NM_011930) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clcn7 (NM_011930) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clcn7
Synonyms:	CIC-7; D17Wsu51e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC221707 representing NM_011930
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAACGTCTCTAAGAAAGTGTCTTGGTCCGGCCGAGATCGCGATGATGAGGAGGGGGCCCACTGC
 TTCGAAGGACAGGGCAGCCTGACGAGGAGACGCCGCTGCTGAACGGAGCTGGGCCGGCGCGCCAGTC
 TCATTCTGCACTGTTCCGAATCGGACAGATGAACAACGTGGAGCTGGATGACGAGCTCCTGGACCCGGAA
 GTCGATCCTCCTCACACCTTCCCAAGGAGATTCCACACAACGAGAAGCTCCTCTCCCTCAAGTATGAGA
 GCCTGGACTATGACAACAGCGAGAATCAGCTCTTCTGGAGGAGGAAAGACGAATCAACCACACGGCTTT
 CCGGACAGTGGAGATCAAGCGTGGTTATCTGTGCCCTCATTGGAATCCTCACAGGCCTAGTAGCCTGC
 TTCATTGACATTGATGGAGAACCTGGCAGGCCTCAAGTACCGCGTCATCAAGGACAACATTGACAAGT
 TCACAGAGAAGGGCGGCCTGTCTTCTCCCTCCTGCTGTGGGCCACGCTGAACTCTGCCTTCGTAAGTCTC
 GGGTCTGTGATCGTGGCCTTCATAGAGCCTGTTGCTGCTGGCAGCGGAATCCCTCAGATCAAGTCTTC
 CTAATGGGGTGAAGATCCCCACGTGGTGGCCTCAAGACGCTGGTGTCAAGGTGTCCGGCGTATTC
 TGCTGTGGTAGGGGACTGGCTGTGGAAAGGAAGGGCCAATGATCCACTCAGGATCCGTGATAGCTGC
 AGGGATTTACAGGGAAGGTCAACATCACTCAAGCGAGATTTCAAGATCTTTGAATTTCCGCAGAGAT
 ACAGAGAAGCGGGATTTGTCTCAGCTGGAGCTGCAGCTGGTGTATCTGCTGCATTTGGAGCCCTGTGG
 GTGGGGTCTGTTAGCTTGAAGAGGGCGCCTCCTTCTGGAATCAGTTCCTGACTTGGAGAATTTCTT
 TGCTTCCATGATTTCCACCTTACATTGAATTTGTTCTGAGCATCTACCATGGAATATGTGGGACCTG
 TCCAGCCCTGGCCTATAAATTTGGAAGATTTGACTCAGAGAAAATGGCCTACACCATCCATGAGATTC
 CAGTCTTCATCGCATGGGTGGTGGTGGCATTCTTGGAGTGTGTTCAATGCCTTGAATTAAGTGGCT
 AACCATGTTTTCGAATCAGGTACATCCACCGCCCTGCCTCCAAGTGATTGAGGCCATGCTGGTGGCTGCT
 GTCACAGCAACAGTTGCTTTGTCTTACTCGTCTCGAGATTGCCAACCCCTGCAGGGGAGCTCCA
 TGTCTACCCACTCCAGCTCTTCTGTGCAGATGGCGAATAACAACCTCCATGGCCGAGCCTCTTTAACAC
 CCCTGAGAAGAGCGTTGTGAGCCTGTTCCATGACCCACCAGGCTCCTATAATCCCATGACTCTCGGCCTG
 TTTACCCTGGTCTACTTCTTCTGGCCTGCTGGACCTATGGCCTCACAGTATCTGCTGGTGTCTTCAATC
 CATCCCTGCTCATTGGGGTGCCTGGGGCCGACTCTTGGCATCTCCCTGTCTACCTCACAGGGGCAGC
 GATCTGGGCAGATCCGGGTAATACGCCCTGATGGGAGCTGCTGCTCAGCTTGGTGGGATCGTGAGAAATG
 ACCCTTAGCCTGACAGTCATCATGATGGAGGCCACCAGCAACGTGACCTACGGTTTCCCCATCATGTTGG
 TGCTGATGACTGCCAAGATTGTGGGTGATGTTTTTCATTGAGGGCCTCTATGACATGCACATCCAGCTGCA
 GAGTGTACCCCTTCTACTGGGAAGCCCGGTCACTCACACTCGCTCACGGCCAGGGAAGTAATGAGC
 ACACCTGTGACCTGCCTGAGGAGGCGAGAGAAGGTTGGCATCATCGTGGATGTCCCTAAGCGACACAGCGT
 CTAATCACAACGGATTCCCTGTGGTGGAGGATGTAGGAGACCCAGCCAGCCAGGCTCCAAGGCTTGAT
 CCTGCGTTCAGCTTATCGTCTCTTGAAGCATAAGGTGTTTGTGGAGAGGTCCAACATGGGTTTGGTG
 CAGCGGCGACTGAGGCTGAAGGACTTCCGAGATGCCTATCCACGCTTCCCCCAATCCAGTCCATTGATG
 TATCCCAGGATGAGCGTGAATGCACCATGGACCTTCTGAATTCATGAACCTTCTCCCTACACTGTGCC
 TCAGGAGGCATCTTCTCGAGTGTCAAGCTTCCGGGCTCTGGGCCTGAGGCACCTGGTAGTAGTA
 GACAACCACAATCAGGTGGTGGGCTGGTGACCCAGGAAGGACCTAGCAAGATACCGCCTAGGAAAGGGAG
 GCCTAGAAGAGCTTTCGCTGGCCAGAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_011930
Insert Size: 2412 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_011930.4 , NP_036060.1
RefSeq Size:	4070 bp
RefSeq ORF:	2412 bp
Locus ID:	26373
UniProt ID:	O70496
Cytogenetics:	17 12.53 cM
Gene Summary:	<p>Slowly voltage-gated channel mediating the exchange of chloride ions against protons. Functions as antiporter and contributes to the acidification of the lysosome lumen. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>