

Product datasheet for **MC220137**

Slc28a1 (NM_001004184) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc28a1 (NM_001004184) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc28a1
Synonyms:	Cnt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220137 representing NM_001004184
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGACGACACACCCAGGCAACGAGAGTCCATTTCCCTCACACCTGTGGCCATGGCCTGGAGAACA
 TGGGGCCGAGTTCTTGAAATAATGGAGGAAGGCCAGCTCCACACAGGCACTCAAGCCTGCCAGAGGG
 TGGAGGCAGCAGGAGCAAAGCAGTGTGAAACCCCTTCTCCCGATGGAGGAGTCTGCAGCCGACTGTGCAA
 GCGAGAAGCCTCTGCAGGGAGCACTGGCAGCTGTTTGTGAGTGGATCAGCAAAGGCCTGCTCTACTGCAT
 ACATCGGCTTCTTGATCGTCGCCTGCCTCTGGACTTCCCAGGGCGCTGGCGCTGTTGTCATCACCTG
 TGTGGTTCTCGTCTTCTGGCCTACAATCTGCTAAAGAGGCTTCTGGGGTCCAAGCTGAAGAAGTGTGTG
 AAGTTTCAGGGCCACTCTGCCTGAGCCTCTGGCTGAAGAGAGGTCTAGCCCTTGTGCTGGCCTGGGTG
 TGATCTTGTGGCTATCTTGACACCCGCCAGCGCCGGAACAGCTGGTGTCTTTGCAGGGATCTGTGT
 GTTCTTGTCTTCTTCTCGCTGGCTCAAAGCATCACCGTGTGTGTGATGGAGGGCTGTCTCTGGGGC
 CTTGGGCTGCAGTTTGTGCTTGGACTCTTCGTCATCAGAACAGAGCCAGGATTCTGTGCTTCCAGTGGC
 TAGGTGACCAGATCCGGGTCTTCTGAGTTACACCGAGGCCGGCTCCAGCTTCGTCTTCCGGGAGGCTCT
 GGTCAAGGATGTCTTGCCTTTCAGTTTTGCCATCATCGTCTTTTTAGCTGCGTCATGTCAGTTCTG
 TACTATCTGGGCCTCATGCAGTGGGTGATCCTGAAGATTGCCTGGTTGATGCAGGTACCCATGGGCACCT
 CAGCCACTGAAACCCTAAGTGTGGCAGGAAACATCTTTGTGAGCCAGACTGAAGTCCACTGCTGATCCG
 GCCCTATCTGGCAGATATGACACTCTCTGAAGTTCACGTTGTGATGACTGGAGGCTATGCTACTATTGCT
 GGCAGCCTCTGGGCGCCTACATCTCCTTTGGGATTGACGCTTCCTCCTTAATTGCTGCCTCAGTCATGG
 CGGCCCTTGTGCTTTGGCCCTCTCAAGCTGGTCTACCCAGAGGTGGAGGAGTCCAAGTCCGGAGTGA
 GGAAGGCGTGAAGCTGACGTATGGAGATGCCCAGAACCTCGTGAAGCAGCCAGCGCTGGGGCTGCCATC
 TCAGTGAAGTCTGTTGCCAACATTGCTGCCAATCTGATCGCCTTCTGGCTGACTGGCCTTCATCAACG
 CTGCCCTCTCTGGCTGGGGACATGGTGGACATCCAGGGACTCAGTTCAGCTCATCTGCTCCTACGT
 CCTGCGGCCTGTGGCCTTCTTGATGGGCGTGGCCTGGGAGGACTGTCCAGTAGTGGCTGAGCTGTGGGC
 ATCAAGCTGTTTCTCAATGAGTTTGTGGCCTATCAAGAGCTTCCAGTACAAGCAGCGACGCTGGCAG
 GGGCTGAGGAGTGGCTTGGTACAAGAACAGTGGATCTCTGTCAGAGCAGAGATCTGACGACGTATGC
 CCTCTGTGGATTGCCAACTTCAGCTCCATTGGCATCATGCTGGGGGTCTGACCTCCATGGTCCCCAG
 CGGAGGAGTGACTTCTCCAGATTGTGCTACGGGCACTGATCACAGGGGCTTCTGTGCTTCCGTAACG
 CCTGTGTGGCAGGATCCTCTATGTGCCCGGGGGTTCGAGGTGGACTGCATGTCTTCTGAACCAAAC
 TGTGAGCAGCAGAGCTTTGAGGTTTACCTGTGCTGTGCGCAAGTCTTCCAAAACACCAGCTTGGAGTTT
 GGCCAAGAGGCACTGCACAACTGCTGTCGATTTTACAATCACACAGTCTGCACGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001004184
- Insert Size:** 1947 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:

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_001004184.3](#), [NP_001004184.2](#)

RefSeq Size: 2846 bp

RefSeq ORF: 1947 bp

Locus ID: 434203

Cytogenetics: 7 D3