

Product datasheet for **MC220516**

Slc22a23 (NM_001033167) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a23 (NM_001033167) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a23
Synonyms:	3110004L20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220516 representing NM_001033167
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGATAGACCGGCGCGGTGAGGCGGCGGTAGTGGTGCCGGGCGGCAGCCGGCCCCGGCGGAGGAGA
 ACGGCTCCCTGCCGCCCGGGACGCGGGCCCTCGGCGCCCTCGGAGGGCGCGCGGGCTCCGGCAGCAG
 CGCGGAGATCCAGCCACTGCCTGCGCTGACCCAGCGCGGCCCGCACTCGAGCTGCTGCGCGGCGACA
 GCCGCCCGAGCCTCCTGTTGCTGGACTACGATGGCTCCGTGCTGCCCTTCTCGGGGGCTGGCGGCG
 GCTACCAGAAGACCCTGGTGGTCTCACCTGGATCCCGGCACTGTTCAATTGGTTTCCAGCCAGTTCTCGGA
 CTCCTTCTTCTGGACCAGCCGATTTCTGGTCCGCGGGGCCGAAAGGCACCGAGCTGGCGGGTGCC
 ACTGTCACCGGCCGATGGGTGACATGGGCAATTGGACCAGCCCTCGGCCACCCCTTCTCCACTGCCT
 CCTGGGGGACCACGAGCAACCGAAGCAACAGCAGCGACACACCACCCCTCCCATCCCTCCAGGCAAGGG
 GAACAACGACTCAAATTGCGACTGCCACGCGTGGGACTACGGCATCCGCACTGGTCTCATCAAAAACGTG
 GTCAGCAAGTGGGATCTGTGTGTGATAATACCTGGAAAGTCCATATCGCTAAGTTCTCCTTACTGGTTG
 GATTAATCTTTGGCTACCTAATAACTGGATGCATTGCTGACTGGGTTGGCCGGCGCCTGTGCTGCTGTT
 TTCCACCATCTTCATCTCATCTTTGGACTGACTGTGGCACTGTCAAGTGAATGTGACAATGTTTACGACACA
 CTCAGGTTCTTTGAAGGATTTTGCCTGGCTGGAATCATCTCACCTTGTATGCATTACGAATAGAGCTAT
 GCCCTCCAGGAAAACGGTTCATAATTACCATGGTGGCGAGCTTCGTGGCCATGGCGGGCCAGTTCTCAT
 GCCGGGGCTGGCTGCGCTGTGCCGGACTGGCAGGTGTGACGGCCCTCATCATCTGTCCCTTCTGCTC
 ATGCTGCTCTACTGGTCGATTTTCCCTGAGTCTCTCCGATGGCTAATGGTACCCAGCAATTTGAATCAG
 CAAAGAAGTTGATCCTGTACCTTACTCAGAAGAACTGTGTGAGCCCTGAGAGTGATCAAGGGAGTGAT
 GCCAGAGCTCGAGAAAGAGCTTTCACGGAGGCCAAGAAGGTGTGCATCGTGAAGGTGGTGGGGACGAGG
 AACCTGTGAAAAACATTGTGGTTCTCTGTGTGAACTGCTGACAGGGTACGGGATCCACCACTGCTTTG
 CAAGAAGCATGATGGCCATGAAGTGAAGGTGCCGCTCCTGGAGAACTTCTACGCTGACTACTACACCAT
 GGCCAGCATCGCACTGGCCTCCTGCCTAGCCATGTGTCTGGTAGTCAAGTTCTCGGGCGCAGGGGAGGG
 CTGCTGCTCTTATGATCCTCACTGCCCTGGCCTCACTTCTACAGCTCGGGCTTCTCAACTTGATCGGCA
 AATACAGCCAGCATCCAGACTCAGAATTGCAGTGAAGTTGGCCGTAGGGATGAGTGACAGCGTCAAGGA
 CAAGTTCTCCATTGCGTTTTCCATCGTGGGAATGTTTGCATCCCATGCGGTGGGAGCCTCAGTGTCTTC
 TTCTGTGCAGAGATCACTCCACAGTGATAAGGTGTGGTGGGCTCGGGCTGGTGTGCCAGTGCAGGTT
 TTGGCATGCTGACAGCGCCATTATTGAGCTGCACAACCAAAAAGGCTACTTCTGCACCATATCATCTT
 CGCCTGCTGCACGCTCATCTGCATCATTGCATCCTCCTGCTTCTGAGAGCAGGAACCAAGAACCTGCCT
 GAGAATATCGCCAACGGGGAACACTACACACGGCAACCCTGCTGCCACACAAGAAGGGAGAGCAGCCCT
 TGCTGCTACCAACGCGGAGCTCAAGGACTACTCGGCCCTGCATGACGTGGTGCAGTGGGTGACGGGCT
 GCCAGAGGGGGCCACTGCCAATGGCATGAAGACTAT**GTAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001033167
- Insert Size:** 2070 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_001033167.3](#), [NP_001028339.1](#)

RefSeq Size: 6251 bp

RefSeq ORF: 2070 bp

Locus ID: 73102

UniProt ID: [Q3UHH2](#)

Cytogenetics: 13 A3.3