

Product datasheet for **MC223070**

Slc4a3 (BC080271) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc4a3 (BC080271) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc4a3
Synonyms:	A930038D23Rik; Ae3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC080271 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAATGGGGTGATCCCGCCGCCGGGGGCGCCTCCCCCTACCCAGGTCCGGGTGCCCTTGAGG
AGCCCCCTCTGGGTCCAGATGTAGAAGAGGAAGATGATGACTTGGGCAAGACCTTGGCTGTGAGCAGGTT
TGGGGACCTCATCAGCAAGACCCCGCCTGGGACCCCGAGAAGCCTAGCCGCAGCTACAGCGAGCGGGAC
TTTGAGTTTCACCGGCACACATCCACACACCCATCACCGCTCTCAGCCCGCCTGCCTCACCCACACA
AGCTTCGGCGACCGCCCCCACCTCTGCTCGGCACACCAGGAGGAAGAGGAAGAAAGAGAAAACCTCTGC
TCCCCCATCAGAAGGGACACCCCTATCCAGGAGGAGGGGGAGCTGGAGCAGAAGAGGAGGAGGAGGAA
GAAGAGGAAGAAGAGGGAGAGTCTGAGGCAGAGCCTGTGGAGCCTCTACCCCAAGTCCCCACAGAAAG
CAAAGTTCTCCATTGGAAGTGATGAAGATGACAGCCAGGCCTTCTGTCAAGGCTCCCTGTGCCAAGGC
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CGGGCTTCCGAATCTCCACAGAGAAGAGCCGGCCCTGGAGTCCATCAGCCAGCTATGACCTGCGGGAGC
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TGTGGTGGAGACCATGATTGTATCTGACCAGATCCGGCTGAGGACAGGGCTAGTGTCTGAGGACTCTA
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GTGTGAACCTAGTCTTGGGAATCACCACTCCTAGTCATGGCCCTGATGGTGGGTCGCCACCAT
GGCTGATGACCAAGGAGAGCCAGCCCCGTTGTGCCACATGACCCTGATGCTAAGGAGAAGCCCCCTCCAC



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ATGCCTGGGGGAGACGGTCACCGAGGGAAAAGCCTGAAACTGCTGGAGAAGATCCCGGAGGACGCCGAGG
 CCACTGTCTGCTTGTGGGCTGCGTGCCTTTCTTGGAGCAGCCGGCGGCAGCTTTTGTGCGGCTCAGCGA
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 ACGAGGCTGCCTATCAGGCAGATGACCGGCAGGACCTTTTGGGTGCCATCAGCGAGTTTTGGATGGTAG
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 CTGGCAAAGAGCTGTCTTTGGAGATGGGGGGCTCCGAGGCAACCTCTGAAGACGATCCCCTGCAGCGGAC
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 GATGCTCTGCACTCCAGTGTTGGCTGCTGTGCTTTTATCTATTTTCGCGGCCCTCAGTCTGCTATCA
 CCTTTGGGGGGCTTTTAGGAGAGAAAACAGAGGGGCTCATGGGCGTGTGAGAGCTGATTGTGCCACGGC
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 CTGGTCTTTGAAGAAGCTTTCTCAAGTCTGCCGAGCTCAGGACCTGGAGTACCTACCCGGTCGAGTGT
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 CATCTCGCCATTACCCAGGAGATCTTGTCTTCTCATCTCGTAATTTTCATCTATGAGACGTTTCAC
 AAGCTCTACAAGGTGTTACAGAGCATCTCTGCTGCCATTCTACCCACCGGATGAGGCCCTGGAGACTG
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 TGGTCTTGTGGATTATCTATCACAGACCTACACACAGAAGTGACGGTGCCTACAGGGCTCTCAGT
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 TCATTGTCAGCCAGAAGGCACGAGGCTACTCAAGGGCTCCGGCTTCCATCTTGACCTGCTTTTGATTGG
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 GCGCCGGATCCCATTGGCTGTACTCTTCGGGATTTTCTGTACATGGGCGTCACATCACTGTCTGGTATC
 CAATTGTCCCAACGTCTGCTGCTCATTTTCATGCCAGCAAAGCACCATCCTGAGCAGCCCTACGTGACCA
 AGGTGAAGACATGGCGGATGCACCTGTTACCTGCATCCAGCTGGGCTGCATTGCACTTCTCTGGTGGT
 CAAGTCAACGGCGGCTCTGCTGGCCTTTCTTTCTGCTCTTGTGCTACGGTGCCTCTGAGGCGTTGCCTT
 TTGCCCCGGCTCTTCCAGGACAGGGAGCTGCAGGCGCTGGACTCTGAAGATGCGAGATGGTCAGGACGAG
 TACAACGAGCTGCACATGCCTGTGTGACCTGCAGGATGGTGCCCTCCGAGACCCACCTTGGCGATTCA
 CAGACCCTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	BC080271
Insert Size:	3720 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC080271](#), [AAH80271](#)

RefSeq Size: 4092 bp

RefSeq ORF: 3719 bp

Locus ID: 20536

Cytogenetics: 1 39.16 cM

Gene Summary: Plasma membrane anion exchange protein.[UniProtKB/Swiss-Prot Function]