

Product datasheet for MC223996

Slc4a3 (NM_009208) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc4a3 (NM_009208) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc4a3
Synonyms: A930038D23Rik; Ae3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223996 representing NM_009208
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGCTAATGGGGTGATCCCGCCGCCGGGGCGCCTCCCCCTACCCAGGTCCGGTGCCCTTGAGG
 AGCCCCCTCTGGGTCCAGATGTAGAAGAGGAAGATGATGACTTGGCAAGACCTTGGCTGTGAGCAGTT
 TGGGGACCTCATCAGCAAGACCCCGGCCTGGGACCCGAGAAGCCTAGCCGACGTACAGCGAGCGGGAC
 TTTGAGTTTCACCGGCACACATCCCACCACACCCATCACCCGCTCTCAGCCCGCCTGCCCTCACCCACACA
 AGCTTCGGCGACCGCCCCCACCTCTGCTCGGCACACCAGGAGGAAGAGGAAGAAAGAGAAAACCTCTGC
 TCCCCATCAGAAGGGACACCCCTATCCAGGAGGAGGGGGAGCTGGAGCAGAAGAGGAGGAGGAGGAA
 GAAGAGGAAGAAGAGGGAGAGTCTGAGGCAGAGCCTGTGGAGCCTCTACCCCAAGTCCCCACAGAAAG
 CAAAGTTCTCCATTGGAAGTGTGAAGATGACAGCCAGGCCTTCTGTCAAGGCTCCCTGTGCCAAGGC
 CTTGCCCTCTGTGGCCCTGCAGTCTGACCAGAGCCCCAGCGCTCCGGCAGCTCCCCAGTCCCCGGGCC
 CGGGCTTCCCGAATCTCCACAGAGAAGAGCCGGCCCTGGAGTCCATCAGCCAGCTATGACCTCGGGAGC
 GATTGTGCCAGGCAGTCCCTGGGCAACCTGGGCCAGAGCAGCGGGTGCCCACTGACGAGCGGAGG
 TCAAATGTTGGGTTCTGCCGATCTGGACGACATGAAGAGTCATCGGCTGGAGGATAACCCCGGGGTGCGG
 CGACACTTGGTGAAGAAACCATCCCGGATACAGGGTGGGAGAGGCAGCCCAAGTGGCCTGGCGCCCATCT
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 GATGTTGGACCGGAGCCAGGAGCCACACTGGCGGAGACAGCAGCTGGATCAAGTTCGAGGAGGATGTG
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 GGAGGACCATTGCCAGGAGCGGCTCTCCTGGACCTGGAACAGACCACCTGCCGGTATCGCTCACCT
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 GTGTGAACTCAGTCTTGGGGAATCACCAACCACTCCTAGTCATGGCCCTGATGTTGCGGTCCCCACCAT
 GGCTGATGACCAAGGAGAGCCAGCCCCGTTGTGGCCACATGACCTGATGCTAAGGAGAAGCCCCCACC
 ATGCTGGGGGAGACGGTCACCGAGGAAAAGCCTGAAACTGCTGGAGAAGATCCCGGAGGACGCCGAGG



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CCACTGTCGTGCTTGTGGGCTGCGTGCCTTTCTTGAGCAGCCGGCGGCAGCTTTTGTGCGGCTCAGCGA
GGCTGTTCTCTTGGAGTCTGTGCTGGAGGTCCCGTGCCTGTTGCTTCTCTTTGTGATGCTGGGGCC
AGCCATACCAGCACTGACTATCACGAATTAGGGCGCTCCATTGCCACACTCATGTCTGACAAGCTCTTTC
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TCATTGTCAGCCAGAAGGCAGGAGGCTACTCAAGGGCTCCGGCTTCCATCTTGACCTGCTTTGATTGG
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CAAGTCAACGGCGCCTCGTGGCCTTCTTCTGCTTGTGCTCACGGTGCCTCTGAGCGGTTGCCTT
TTGCCCGGCTCTTCCAGGACAGGGAGCTGCAGGCGCTGGACTCTGAAGATGCGGAGCCGAACCTTGACC
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_009208
- Insert Size:** 3684 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_009208.3](#), [NP_033234.2](#)

RefSeq Size: 4441 bp

RefSeq ORF: 3684 bp

Locus ID: 20536

UniProt ID: [P16283](#)

Cytogenetics: 1 39.16 cM

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