

Product datasheet for **MC215873**

Slc10a4 (NM_173403) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc10a4 (NM_173403) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc10a4
Synonyms:	E130304D01
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215873 representing NM_173403
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGACAGCCTGGACAACACCACCTGCTCCTTGCCCCGTCCTCGCTGCTGCCTGACAACCTCACCTGT
 CTCCCAACGCCGGCAGCCGAGCGCCAGCACCTTTTCGCTCTCGCTGTACCTCTAGTCCCGGTCCGGG
 GCTCAGCCTCGCTCCAAGTCCAAGCATCGGCTTTAGCCCCGAGGCAACCCGACTCCAGAGCCACGAGC
 AGCAGCCTCACGGTCGGCGTGGCTGGCCAGGGCTCCTCCGCTTTCCCCGGCCCTGGATCCCCACGAGC
 CCCCATTCTGGGACACGCCGCTCAACCACGGGCTGAATGTGTTTGTGGCGCCGCTTGTGCATACCAT
 GCTGGGTCTAGGCTGTACCGTGGACGTGAACCACTTCGGGGCGCACGTCCGGCGGCCCTGGGCGCTCTG
 CTGGCTGCGCTCTGCCAGTTCGGCTTCTTGCCGCTGCTAGCCTTCTTGCTGGCCCTCATCTCAAGCTGG
 ATGAGGTGGCCGGTGGCTGTACTCTATGTGGCTGCTGCTGGTGGAAATCTCTCAATCTCATGTC
 CCTGCTGGTAGACGGCGACATGAACCTCAGCATCATCATGACATTTCTCCACACTCCTGGCCCTGGTG
 TTGATGCCCTCTGCCTCTGGATCTACAGCCGTGCCTGGATCAATACCCCTCTGGTGCAATTGCTCCCC
 TAGGGGAGTCACCCCTGACTCTCTGCAGCACTCTATTCTATTGGGCTAGGCGTCTTATTCTGCTACAA
 ATACAACCGCGTGGCTGACTACATCGTGAAGTTTCCCTGTTGCTCTGCTTGTGACCCTGGTGGTCTT
 TTCATAATGACTGGCACCATGCTGGGACCTGAAGTCTGGCAAGCATTCCCGCAACTGTTACGTGGTGC
 CCATTTTATGCCTCTGGCGGGCTACGCTCGGGTTATGGCTTAGCTACCTCTTCCACCTCCCGCCAA
 CTGCAAGCGGACTGTGTGCTGGAACAGGAAGTCAGAACGTGCAGCTCTGCACTGCGATTCTCAAAGT
 GCCTTCCCGCTCGCTTATAGGTAGCATGTACATGTTCCCTCTGCTCTACGCCCTCTTCCAGTCTGCCG
 AGGCAGGGGTCTTCGTGTTGATCTACAAATGTACGGAAGTGAGATACTGCACAAGCGAGAGGCCCTAGA
 CGAAGACGAAGACACCGATATTTCTTATAAGAACTGAAAGAAGAGGAAATGGCAGACACCTCCTATGGC
 ACCGTGGGACGGATGACTTAGTGATGATGGAGACCACCCAGACCGCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_173403
- Insert Size:** 1314 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:	NM_173403.2 , NP_775579.2
RefSeq Size:	2085 bp
RefSeq ORF:	1314 bp
Locus ID:	231290
UniProt ID:	Q3UEZ8
Cytogenetics:	5 C3.2
Gene Summary:	Transporter for bile acids.[UniProtKB/Swiss-Prot Function]