

Product datasheet for **MC209834**

Slc39a1 (NM_013901) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc39a1 (NM_013901) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc39a1
Synonyms: Zip1; Zirtl
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209834 representing NM_013901
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCCCTGGGGGAGCCAGAGCTCCTGGTGTGGCGCCAGAAAGCAGTCGCATCGGAGCCCTCGGTGC
CAGTAGGGCTGGAAGTGAAGCTGGGGCCCTGGTGTCTGCTGCTGCTGACTCATCTGCAGCCTGGT
ACCTGTCTGTGTCTTCAAGGTCAGGTGCTAACCATGAAGCTTCAGCCTCGGGCCAGAAAGCCCTGAGC
CTCGTCAGCTGCTTCGCAGGAGGAGTCTTTTGGCTACATGTCTTCTGGACCTGCTGCCTGACTACCTGG
CTGCCATAGATGAGGCCCTTGAGGCCCTGCATGTGACGCTTCAGTTCCCTTGCAAGAGTTCATCTTGGC
CATGGGTTTCTTCTGGTCTGGTATGGAGCAGATCACGCTGGCTTACAAGGAACAGACCAGTCCACCC
CACCCGGAAGAGACAAGGGCTCTACTGGGCACAGTGAATGGTGGGCCCTCAGCACTGGCACGATGGACCAG
GGATCCCCCAGGCCGGCGGAACCTCAGCAGCTCCCTCAGCCCTGCGTGTGTGTCTGGTCTTCTCCTT
AGCCTTGCACTCAGTATTTGAGGGCCTGGCTGTAGGGTTGCAGCGAGACAGGGCTCGGGCAATGGAGCTG
TGCCTAGCTCTGCTGCTTACAAAGGCATTCTGGCAGTCAGCCTGTCCCTGCGGCTGCTACAGAGCCACC
TACGTGTGCAGGTGGTGGCTGGCTGCGGGATCCTTTCTCATGTATGACACCTCTGGGCATCGGGTTGGG
TGCAGCTCTGGCAGAGTCAGCTGGGCCCTTGACCAGCTGGCCCAATCTGTTCTAGAGGGCATGGCAGCT
GGCACCTTCTCTATATCACCTTCTGAAATTCTACCCAGGAACCTGGCCACTTCTGAGCAGAGGATCC
TCAAGGTCATTCTGCTCTAGCAGGCTTTGCCCTGCTCACTGGCCTTCTTTGTCCAAATCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013901
Insert Size: 975 bp



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| 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: | <ol style="list-style-type: none">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_013901.2 , NP_038929.2 |
| RefSeq Size: | 2344 bp |
| RefSeq ORF: | 975 bp |
| Locus ID: | 30791 |
| UniProt ID: | Q9QZ03 |
| Cytogenetics: | 3 F1 |
| Gene Summary: | Mediates zinc uptake. May function as a major endogenous zinc uptake transporter in many cells of the body (By similarity).[UniProtKB/Swiss-Prot Function] |