

Product datasheet for **MC228725**

Slc44a2 (NM_001199186) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Slc44a2 (NM_001199186) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Slc44a2 |
| Synonyms: | 1110028E10Rik; CTL2 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC228725 representing NM_001199186
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGACGATCGGAAGGACGCAGTCTATGGGACGCCTCAGAAATACGACCCACCTTCAAAGGACCCA
 TTTACAACAGGGGATGCACAGATGTCATTTGCTGTGTGTTGCTCTTCTGGCCATCGTAGGCTATGTGGC
 TGTGGGCATCATAGCCTGGACCCATGGAGACCCCTCGGAAGGTGATCTACCCCACTGATAGCCGGGCGAA
 TTCTGTGGGCAAAAGGGGACAAAAATGCGGACAAACCGTTCTTGTTTTACTTCAACATCGTGAAGTGTG
 CCAACCCCTGGTCTGCTGGAATTTCACTGTCCACCCCTCAGATCTGCGTGAAGCAGTGTCCAGACCG
 CTATCTCACCCCTTCTGAGTGCAGCAACTCGCGACTTTGACTATTACAAGCAGTTCGTGTGCTGCTGGC
 TTCCAGAAACAATAAAGGGGTGACTGAGATACTCCGAGATGGGGAGTGTCCAGCGTTATCACCCCAAGCA
 AACCTTTGGCCAGCGGTGCTTTCCCGCATCCATGCCAGCAAAGGAGTCTCATGGTGGCAATGAGAC
 GACCTATGAGGACGGACATGGCGCCAGAAAGAACATTACAGATCTAGTGGAGGTGCCAAAAGGCCAAC
 AAGATTCTAGAGGCCCGCAACTCGCCATGCAGATATTTGAAGATTACACTGTATCCTGGTACTGGATTA
 TCATAGGTCTGGTCATTGCCATGGTGTGAGTCTCCTGTTTCATCGTCTGCTGCGATTCTGGCTGGCAT
 TATGGTCTGGGTGATGATTGTCATGGTGTGCTGGTGGCTATGGCATCTTCCACTGCTACATGGAG
 TACTCGAGACTCCGTGGAGAGGCAGGCTCCGACGTCTCCCTGGTGGACCTTGGCTTCCAGACGGACCTCC
 GAGTGTACCTGCCTTGGAGCAGACCTGGATGGCTTTTATGATCATTTTAAAGCATCTGGAAGTGGTCAT
 CATCCTGTTACTTATCTTTCTGCGCAAAAGGATATTGATCGCCATCGCCCTCATCAAAGAAGCCAGCAGG
 GCTGTGGGACATGTCATGTGCTCCCTGCTTACCCACTGGTACCTTCTCCTCTTGTGTCTCTGCATTG
 CTAAGTGGCCAGCACTTCTGTATTCTGTCCACTCCAACACCGCCGTGTACAAGGTTGTTGATGACAC
 AGCCTGCCCACTTCTGAGGAAAACCTGCAACCCAGAGACCTTCCCCTTGGGGAATGAGAGCCTCCAGTGT
 CCCACTGCCCGCTGCCAGTTTGCCTTCTATGGTGGCGAATCGACCTACCACCGTGCCTGCTGGGCTGC
 AGATCTTCAATGCATTATGTTCTTCTGGCTAGCCAACCTCGTGTGGCCCTAGGCCAGGTAACCCCTGGC
 CGGAGCCTTTGCCTCTATTACTGGGCTATGCGGAAGCCTGATGATATGCCTGCCTTCCCCTCTTCTCT
 GCTTTTGGCCGAGCACTCAGGTACCACACGGGCTCCTTAGCTTTTGGCTCCCTTATCTTAGCCATCGTGC
 AGATCATCCGAGTGTGCTGGAATACCTGGACCAGCGCCTAAAAGCTGCACAGAAACAAGTTTCCAAGTT
 CCTCATGGTGTGCTCAAGTGTGCTTCTGGTGCCTAGAGAAGTTTATCAAATTCCTGAATAGGAATGCC
 TACATCATGATTGCTATCTATGGCACCAACTTCTGTACCTCAGCCAGGAATGCCTTCTTCTGCTTATGA
 GAAATATCATCAGGGTGGCCGCTCCTGGACAAGTTACAGACTTCCCTTCTCCTGTTGGGCAAACCTTCTGAT
 TGTGGGTAGTGTGGGCATCCTGGCCTTCTTCTTCCACCCATCGGATCAGAATTGTGCAAGATACAGCC
 CCACCTCTCAATTATTACTGGGTTCCGATCCTGACAGTGTGATTTGGCTCCTACTTGATCGCGCACGGCT
 TCTTCAGCGTCTATGGCATGTGCGTGGACACGCTGTTCTCTGTTTCTTGGAGGATCTGGAGAGAAATGA
 CGGTTCCAGCCGAGAGGCCTTACTTCATGTCTTCCACTCTCAAGAACTCTTGAATAAAACCAACAAGAAA
 GTAGCAGAATCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001199186
Insert Size: 2115 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).

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| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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: | <u>NM_001199186.1</u> , <u>NP_001186115.1</u> |
| RefSeq Size: | 3471 bp |
| RefSeq ORF: | 2115 bp |
| Locus ID: | 68682 |
| UniProt ID: | <u>Q8BY89</u> |
| Cytogenetics: | 9 A3 |
| Gene Summary: | Choline transporter.[UniProtKB/Swiss-Prot Function] |