

## Product datasheet for **MC219877**

### **Slc13a4 (NM\_172892) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc13a4 (NM_172892) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc13a4
Synonyms:	9630060C05Rik; SUT-1; SUT1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219877 representing NM\_172892  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCTTGTGCAGGGCCTTCTCCAAGCGAGGAAGCTGCTATTGGTCATCTGTGTGCCGCTGCTGCTGC  
 TGCTCTGCCACCACCTCTACCCACCAGCGAAGCTGCGTGTGCTTACGTGTTGCTTGTGACCGCTGTGTA  
 CTGGGTGTCTGAGGCCGTGCCTCTCGGAGCTGCAGCCCTCGTGCCTGCCTTCTCTACCCGTTCTTCGGT  
 GTTCTCCGATCCAGTGAGGTGGCGGCTGAGTACTTCAAGAACCACCGCTGCTGTTGGTGGGCGTCATCT  
 GTGTGGCAGCAGCTGTGGAGAAGTGAATTTACACAAGCGCATCGCCCTGCGCATGGTCTTGATGGCGGG  
 AGCCAAGCCTGGCATGCTCCTGCTGTGTTTCATGTGCTGTACCACCATGCTGTCCATGTGGCTCTCCAAC  
 ACCTCCACCACCGCCATGGTGTGCCCATCGTGGAGGCGGTGCTGCAGGAGCTCATCAACGCTGAGGAGG  
 AACAGCTGGCAGCCGGCACTGAGGAGGCTGAGCTCATGGGTCTTGATGTAACAACAGACAGACGTCAT  
 GGAACCTCATCTTTGTCAATGAAGACACGTCGGCTCGAGACTTCACTTCTCTGATGCAGAGCAAGAATCTG  
 AATGGTGTGCCCATGGTACCAAATCCATCAACACAGCAAACCAAGCAACAGAAAGAAGCAGCAGCCGT  
 CACAGGAAAAGCCAGGAGTCCCAACCCCGAGCTCCAAGACCCAAGAACTGAACAAGAAGAAGTACAGATC  
 CCACCATGACCAAATGATCTGCAAGTGCCTTTCTCTGAGCATTTCTATGCTGCCACCATTTGGTGGCCTG  
 ACCACCATCATAGGCACCTCCACCAGCCTCATTCTTAGAGCATTTCAACAACAGTACCCGGCGGCAG  
 AGGTGGTGAACCTCGAACCTGGTTCCTTTCAGCTTCCCATCTCGCTCATCATGCTGGTGGTCAGCTG  
 GTTCTGGATCCACTGGCTCTTCTGGGCTGCAACTTCAAAGAGACCTGCTCTGAGCAAGAAGAAGAAG  
 ACCAGGAGGGAGGAGCTATCAGAGAAGAGGATCCGGGAGGAATATGAGAAGCTAGGAGACATTAGCTACC  
 CTGAGATGGTGACCGCTTTTCTTCTGATGACGGTGTGTTTACCCGGGAGCCCGCTTGT  
 CCTGGCTGGGATTCCTTCTTTGAAAAGAAAGGCTACCGCACTGATGCCACAGTCTCTGTATTCTTGGC  
 TTCTGCTTTTCTCATTCCAGCAAAGAAGCCCTGCTTTGGGAAAAGAGTGATGGAACAGGCCAGGAAG  
 CCTCAAAGGGATAGAGCCCATCATCACGTGGAAGGACTTCCAGAAAATGATGCCCTGGGAGATTGTCAT  
 TCTGGTGGGAGGAGGCTACGCCCTGGTCTTGGCAGCAAGAGCTCTGGCCTCTCCACATGGATCGGGCAC  
 CAGATGCTGTCCCTGAGCAGCCTCCCGCATGGGCTATCACCTGCTGGCGTGTCTGGTGTCCATTG  
 TCACGGAGTTTGTGAGCAATCCAGCCACCATCACCATCTCTGCCCATCCTTTGTACCTGTCCGAAAC  
 GCTGCACATCAATCCACTGTACACCCTGGTCCCGTTACCATGTCAATCTCCTTCGCTGTGATGCTGCC  
 GTGGGCAACCCCAACGCCATCGTCTTACGCTACGGGCACTGCCAGATCAAAGACATGGTGAAGCCG  
 GTCTGGGAGTCAATGTATCGGTCTGGTGTGATCGTGTGGCCATCAATACTTGGGAGTTAGCCTCTT  
 CCACTTGATGCTTTCCAGCCTGGGCTAAGGTACGAACATCACTGATCAGACC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_172892
- Insert Size:** 1878 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\\_172892.3](#), [NP\\_766480.1](#)

**RefSeq Size:** 3426 bp

**RefSeq ORF:** 1878 bp

**Locus ID:** 243755

**Cytogenetics:** 6 B1