

## Product datasheet for **MC220041**

### **Slc2a13 (NM\_001033633) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc2a13 (NM_001033633) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc2a13
Synonyms:	6530403A04; A630029G22Rik; A1505012; Gm308
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220041 representing NM\_001033633  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGCCGAAGCGAGCGAGGACGTGGAGTACACGCTGCGCAGCCTGAGCAGCCTGATGGCGAGAGGC  
 GCCGCCGGCAGCCGAGCCGGGGGCGCCAGGCGGGAGCCGAGCCTCCTGGCCGCCGAGTCGGCCGCCAG  
 CCTGCAGGGCGCGGAGCTGGAGCGCGCGCGCAGGAGTTCCAGCGGACGAGACCCCGCCTTCGTG  
 TACGCGGCCGCCCTTCTCGGCGCTCGGCGGCTTCTGTTCGGCTACGACACCGGCGTGGTGTGGGGG  
 CCATGCTGCTGCTGCGGCCAGATGCGCCTGGGCGCATGTGGCAGGAGCTGCTGGTGTGGGCGCGGT  
 GGGCGCGGCCGCTCGCGGCGCTGGCCGGAGGGCCCTGAACGGCGCCCTCGGTGGCGCAGCGCCATC  
 CTGCTGGCCAGCGCCCTGTGACCGTGGGCTCCGCCGTGCTGGCCGCCGCCAACAAAGGAGACGCTGC  
 TGGCCGGCCGCTGGTGTGGGCTCGGCATCGCATCCATGACCGTGCCGTGTACATCGCGGA  
 GGTTTCTCCACCAACCTGAGAGGTGCGCTGGTACCATCAACACCTTTCATCACAGGCGGACAGTTC  
 TTTGCAAGTGTTCGATGGCGCCTTCACTTACCTGCAGAAGGATGGATGGAGGTACATGTTGGGACTTG  
 CGGCCATTCCAGCTGTTATACAGTTTCTGGATTCTCTTTTGGCCGAAAGCCCTCGGTGGCTGATTCA  
 GAAGGGACAGACTCAGAAGGCCGCCGAATTTGTCCCAGATGCGTGGCAATCAGACCATTGATGAGGAG  
 TATGACAGCATCAGGAACAGTATCGAGGAGGAGGAAAAGGAAGCCACCGCAGCTGGACCTATAATCTGCA  
 GAATGCTGAGTTACCCCAACTCGCCGAGCGTTAGTTGTGGGATGTGGCTTACAGATGTTCCAGCAACT  
 CTCGGGCATCAACTATCATGTACTACAGCGCAACCATCCTCCAGATGTCGGCGTGAAGATGACAGA  
 CTTGCAATATGGTGGCTCGATCACAGCATTACCAATTTTACACTAGTGGGAGTCTGGCTCG  
 TCGAGAAAGTGGTGCAGGAAGCTTACCTTTGGTAGTTTGGCAGGTACCACAGTACACTGATTATCCT  
 TGCCCTGGGATTTTGTCTCGGCACAGTCTCACACGGGTCACTTTTAGACCAACGACTCCTTCGGAT  
 CAAAATACCACCTGCACGGGATACAGTTACTGCAATGAGTGTATGCTGGATCCAGACTGTGGTTTCTGCT  
 ACAAGTCAACGGTTCAGCTGTCAATTCTCTGTGTTCCAGTTAACAAAGCCTCTACAAGTGAAGC  
 AGCCTGGGGCAGGTGTGATAATGAAACCAAGTTCAAAGCTGAAGGTGCTCACTGGGCTTACAGTTTCTGC  
 CCTACCCCTACTCCTGGACAGCACTCGTGGCCTGGTGTGTACCTGTTTTCTTGCACCTGGAATGG  
 GACCAATGCCCTGGACCGTGAACCTGAAATCTATCCTCTCTGGCAAGAAGTACAGGAAATGCGTGCTC  
 AGCTGGAATAAACTGGATTTTCAACGTGCTGGTTTCTTGTACCTTTTACACACAGCAGAGTATCTTACA  
 TACTATGGAGCATTCTCTCTACGCCGATTCCCGCTGTGGGACTGCTTTTTGTCTATGGCTGCCTCC  
 CTGAAACCAAGGGGAAAAAATTGGAGGAAATCGAATCGCTCTTTGACCACCGGCTATGTTATGTGGCGC  
 TGCCGACTCGGATGAAGGGAGGTACATTGAGTACATCCGCGTGAAGGGAAGCAACTATCATCTCTCCGAC  
 AACGACGCTTCTGACGTGGAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001033633
- Insert Size:** 1914 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\\_001033633.3](#), [NP\\_001028805.2](#)

**RefSeq Size:** 6541 bp

**RefSeq ORF:** 1914 bp

**Locus ID:** 239606

**UniProt ID:** [Q3UHK1](#)

**Cytogenetics:** 15 E3

**Gene Summary:** H(+)-myo-inositol cotransporter. Can also transport related stereoisomers.[UniProtKB/Swiss-Prot Function]