

## Product datasheet for **MC221236**

### Slc15a2 (NM\_021301) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc15a2 (NM_021301) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc15a2
Synonyms:	8430408C16Rik; C78862; Pept2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221236 representing NM\_021301  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTTGAGGAGAGAGAGTAAGGAGCCAGCCATGAATCCTTTCCAGAAAAATGAGTCCAAGGAAACGC  
 TCTTTTACCTGTCTCTACTGAAGAGATGCTGCCTGGACCTCCAAGCCCTCCAAAGAAGTCAACTCCGAA  
 GCTCTTCGGCTCTAGCTACCCACTCAGCATCGCCTTCATTGTGGTGAACGAATTCGCGAGCGATTTTCC  
 TATTATGGCATGAAAGCTGTGTTGACCTTGATTTCTGTACTTCCTGCACTGGAATGAAGACACGTCCA  
 CATCTGTCTACCATGCCTTCAGCAGCCTCTGCTATTTACCCCATCTTGGGAGCAGCGATTGCTGACTC  
 CTGGCTGGGAAAATTCAAGACAATCATCTATCTGTCCCTGGTGTATGTTCTTGGCCATGTATTCAAGTCT  
 TTGGGTGCCATACCAATACTGGGAGGAAAATGCTACATACAATCTTATCATTGGTTGGCCTGAGTCTCA  
 TAGCTCTGGGAACAGGAGGTATCAAACCCTGTGTGGCAGCTTTTGGCGGAGACCAGTTTGAAGGGAACA  
 TGCAGAGGCACGGACTAGATACTTCTCGGTCTTCTACCTCTCCATCAATGCAGGGAGCTTGATTTCTATG  
 TTCATCACACCCATGCTAAGAGGGGATGTGAAGTGTTCGCGAAGACTGCTATGCATTGGCTTTTGGGA  
 TTCCAGGATTGCTCATGGTGTGGCACTTGTGTGTTGCAATGGGAAGCAAGATGTACAGAAAACCGCC  
 TCCTGAAGGGAACATAGTGGCTCAAGTTACCAATGTATATGGTTGCTATCTGCAACCGCTTCAGGAAC  
 CGTTCTGAGGACATTCAAAGCGACAACATTGGCTAGACTGGGCAGCAGAAAAATACCCAAAGCACCTCA  
 TTATGGACGTGAAGGCACTGACCAGGATACTGTTCCCTTATATCCCACTGCCCATGTTCTGGGCTCTTTT  
 GGACCAACAGGGCTCACGGTGGACTCTGCAAGCTAACAAAATGGATGGCGATTGGGATTTTTGTACTT  
 CAGCCGGATCAGATGCAGGTGCTAAATCCCTTCTGGTCTTGTCTTATCCCATTTGTTGACCTGTCA  
 TTTATCGGCTGATCTCCAAGTGGGAGTTAACTTCTGCTCACTCAGGAAAATGGCTGTTGGTATGATCCT  
 AGCGTGTTCGCAATTTGCAGTTGCAGCGCTTGTAGAGATAAAAAATAAATGGAATGATCCATCCTCAGCCA  
 GCTTCCCAAGAGATTTTTCTGCAAGTCTGAACTTGGCAGATGGTGAATAGAGGTGACAGTGCAGGGAA  
 ACAGAAAATACTCTCTTGGTGGAGTCCATCAGCTCTTTTCCAGAACACACACTATTCGAAACTACG  
 CCTGGAGACAAAAAGCCAAAGACTTACATTTTCTGTAAGTACAACAACCTGTCTGTCCACAATGAGTAC  
 TCTGTAGAGGAGAAGAACTGTTACCAGTTGGTGGTTTATGAGAATGGAGAAAGTCTCTCCAGTATGCTGG  
 TAAAGGACACAGGAATCAAACCAGCCAATGGGATGACAGCCATCAGGTTTATTAACACTTGCATAAAGA  
 CATGAATATTTCTTGGATGCCAATGCTCCTCTCAGCGTGGGCAAGACTATGGAGTGTCTGAGTACAGA  
 ACTGTGCAAAGAGGAAAGTATCCTGCAGTGCATTGTGAAACGGAAGACAATGCTTTTCTCTCAATTTAG  
 GTCAACTAGACTTTGGTACAACATATTTGTTTGTGATCACTAATATCACCAACCGGGTCTTCAGGCCTG  
 GAAGGCAGAAGACATTCAGCCAATAAACTATCCATTGCATGGCAGCTACCACAGTATGTCTGGTTACA  
 GCAGCAGAGGTGATGTTTTCTGTACAGGACTGAATTTTCTTATTCTCAGGCACCATCTAGCATGAAAT  
 CTGTGCTCCAGGCAGCCTGGCTGTTGACCGTTGCAGTTGGGAATATTATTGTGCTGATCGTGGCAGATT  
 CAGTGGCTGGTGCAGTGGGCTGAATTCGTTTTGTTTTCTGCCTCCTGCTGGTGGTCTGCCTGATCTTC  
 TCCGTCATGGGCTACTACTATGTTCTCTAAAGTCAGAGGGTATCCATGAGGCAACAGAAAAGCAGATTC  
 CTCACATCCAGGGGAATATGATCAACCTAGAAACCAAGAATAACAAGGCT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_021301  
**Insert Size:** 2223 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_021301.3](#), [NP\\_067276.2](#)

**RefSeq Size:** 4007 bp

**RefSeq ORF:** 2223 bp

**Locus ID:** 57738

**Cytogenetics:** 16 B3