

Product datasheet for **RN201774**

Slc2a12 (NM_001107451) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc2a12 (NM_001107451) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc2a12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201774 representing NM_001107451
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTACCTGTTGAAAACACAGAGGGCCCAATCTGCTGAACCAGAAGGGGAGAGAGCGGAGACCGACG
 GCAGCTGTGGAGCCAGTGGCGGCCGCATCCTGCCTGCGCGGGAGGTCCCGGCATGTTTACATTCTTGAC
 ATCTGTTACCGCAGCCATCAGCGCCTCCTGGTGGTTATGAACTTGGGCTCATCTCTGGGGCTCTTCTG
 CAGATCAGAACACTCTTAGCCCTGACCTGCCATGAGCAGGAAATGGTTGTGAGCTCCCTCCTCATCGGGG
 CATTCTCGCCTCTCACCGGAGGCGTCTGATAGACAGGTACGGAAGAAGGCTCACCATAATCCTGTC
 GTCCTGTCTCCTAGGACTCGGAAGCTTAGTCTTGATACTGAGCTTGTCTACACACTTCTTATCACGGGA
 CGTGTGTCTATAGGGTTCCATCTCCCTGTCTCCATTGCCACATGTGTGTATATTGCAGAGATTGCC
 CCCAACACAGAAGAGGACTTCTGTGTCGCTGAACGAGCTGATGATTGTCACAGGTATCCTTTTGCCTA
 TATTTCAAATTACGATTCCGCAACATCTCCAATGGTTGGAAGTACATGTTTGGCCTCGTGATCCCTG
 GGTGTTCTGCAAGCAATTGCTATGACTTTCTTCTCCAAGTCCCTCGTTTCTGGTGATGAAGGGACAAG
 AGGAGGCTGCGGGCAAAGTCTCAGGAAGCTAAGAGTGATCTCAGACACTGCTGAAGAACTCACTTTGAT
 CAAATCTTCTTGAAAGATGAGTATCAGTATAGTTTTTGGGATCTGTTTCGCTCCAAGGACAACATGAGG
 ACCAGAATCCTGATAGTCTGACACTAGTATTTTTGTCCAAACCACCGCCAACCAAACATACTGTTCT
 ACGCATCGACTGTCTGAAGTCTGTTGGCTCCAGAGCAACGAGGCAGCTAGCCTTGCTCCACAGGGGT
 TGGCGTGGTCAAGGTGGTTAGCACCATCCAGCAACCCCTCTTGGACCAGTTGGCAGCAAAACCTTC
 CTCTGCATCGGCTCCTCTGTGATGGCTGCTTCACTGTTGACCATGGCATTGTGAATCTCAACATCAACA
 TGAATTCACCAACATCTGCAGAAGCCATAGTCCCTTAAACCAGTCCCTGGAGGAGTTGGTGTCTATGC
 AACAGGAAACCTGTCGTTAGCAATAGCAGTCTCGGGGAGCACCTTAAAAGAGTCACTCCCTATAGCAAG
 GGCTTGTATTATCCCTGGGGAATGGCATGGAGCCCAAAGGGGAGATGGCCTTACATCTTTACCAAATG
 CTGGACTGAGCCGAAGTACCAGCCAGGAGTACGACCCTGCAGTCTGCCAGCTGTTTACAAATGGCT
 GTCCCTGGCCAGCTTGTGTTTACGTGGCTGCGTTTTCAATTGGTCTGGGACCCATGCCTTGGCTGGT
 CTCAGTGAGATCTTCCCGTGGAAATTAGAGGCCGTGCCATGGCCCTGACTTCTAGCATGAACTGGGGGA
 TCAACCTTCTCATCTCCTTGACATTTCTGACGGTACTGATCTTATTGGCTTGTGCTGGGTTTGTCTCAT
 ATACACAGTCATGAGTCTGACATCCCTGGCTTTTGTGTTCTGTTTATACCCGAGACAAAGGGATGCTCT
 TTGGAACAGATATCAATGGAGCTGTGAAGGCGAACTATGTGAAAAACAACATTTGTTTTATGAGTCATC
 ACCAAGAAGAATTAGTGCCAACACAGCTTCAAAAAACAAGCCCCAGGAGCAGCTCCAGAGTGAAGAA
 GCTGTGTGGTAGGGGACAGTCACAGCGGCCCTCGCCAGAGAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107451
- Insert Size:** 1866 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_001107451.1](#), [NP_001100921.1](#)

RefSeq Size: 4118 bp

RefSeq ORF: 1866 bp

Locus ID: 308028

Cytogenetics: 1p12