

Product datasheet for **RN203669**

Slc39a12 (NM_001106124) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a12 (NM_001106124) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203669 representing NM_001106124
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAACAGAGAATATGAGTTCTACCTGCACAGCCTTCTCAGCCTCAGGCAGGATGAAGACTCCTATT
 TCCTCTCAGAGAAGGAGACTGATGACATCTTGGCTTCCACCAGGAAGTACTTTGGCACCTCCACTAGTCC
 GTGTATGGAACTAAGATTCTACAGAGGGAATCTGGCATTAGAGCAGCAATGGTCTGATGAAAAGATG
 CTTCTCAGCTGGCTGCCACCATCATTGCTCTGTCGCTCCAAGGAGTTTGTGGGGAGAAAAGACTCGC
 CTTCCCCAGATGACTTTACAGAATATATTTTCAGTTTCTGAATAGAACCAATGCCCTCCACCTCTCTGA
 ACTAGAGGAACTTCTGAACATGCTCTCGACCAGAAGGGCCTGTACCAAAATAAATACCCTCCATGAACAC
 CAAAGGAAACAAAACACAGCAGTACATGGTTTGGAGAGCCCAAGTCAGCTGCAGCAATGGACAAAGTGT
 CTGGTGATCATTCTGTTTCTGGGATCAGGCTTCTCTGCTCAGCAGCTGGTGGAGATATTTCTTCA
 GAACCACAGCAGTCTGTCCATTTGAAGGAGGACTTTAAGCAGCTAAGTCCAGGGATCATCCAGCAACTC
 CTAGCTGCTCTTGTGAGGTGCCAGGGACCAGAAAGCAAGCCCCACCACCCTCTGGAGAAATATG
 GTTATAGCACGGTGGCAGTGACACTACTAACCTTGGGCTCCATGCTTGGGACCGCGCTGGTCTTTTCCA
 CAGCTGCGAGGAGAATTACAGTCTGATTTTACAGTTATTCGTGGGCTTGGCCGTGGGGACTCTCCGGG
 GATGCCCTGCTCCATCTCATTCTCAGGTTCTTGGTTTACATAAGCAGGAAGCAGAGCTTGGGCATTTCC
 ACGAAAGCCAAAGTCTATTTGGAAGCTGTTGGGACTACTTGGAGGCATCCATGGATTTTCTTGATAGA
 AAAATGTTTTATCCTTCTGTATCGCAAATACCAAGGGCCTGCCATTAGTTAATGGACATGCAGGACAT
 ACCCACCATCTTGGACTCAGTCTGAGTTAAATGACCAGTCAGGTGGAGGCAAGTCTATATCAACCATTC
 AGCTGAAAGGCCCAGAAGATTCACAGACAGCTGAGTACCCAAAGGCAATGTGCCAGCCTCCAACAGAAA
 CCGCAAAACCATCAGCTTGTGGCTGTTATGGTCTGGTTGGAGATGGCCTGCACAATTTTGGCCGATGGC
 CTAGTAATAGGCACAGCCTTCTCTTCTTATTGGAGTCAGGAGTGACCACAACAATCGCTATTTTGTGTC
 ATGAAATTCACATGAAATGGGAGACTTTGCTGTGCTCTTAAGCTCTGGACTCTCCATCAGGACTGCCAT
 CCTAATGAATTTCTAAGTGCCTGACAGCCTTATAGGACTGTACATTGGTCTCTCGGTGTCTGCTGAT
 CCACGTGTCCAAGACTGGATTTTAAAGTACTGCTGGGATGTTCTTGTATTTATCCTTGGTGGGGATGC
 TTCCTGAAATGACTCATGTGCAGACACAACGACCCTGGATGACGTTTCTCCTGCAGAATGTTGGATTGGT
 CCTTGGCTGGTTTCACTTTTGTCTTAGCTGTATATGAACAGAATATTTAAATA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106124

Insert Size: 1668 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_001106124.1](#), [NP_001099594.1](#)

RefSeq Size: 2213 bp

RefSeq ORF: 1668 bp

Locus ID: 291328

Cytogenetics: 17q12.3