

Product datasheet for **RN207161**

Slc39a14 (NM_001107275) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a14 (NM_001107275) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN207161 representing NM_001107275
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCACCATGGAGCGGCTACACCCAGCCTTCCCTAGCTACCTCCTGTTGGTGTGCTTTGGTATATGGA
 GAACTGTCCCCCAGATTCATGCCTCATCTACTGGCCTGCTGCCCTCAGTGCCACCTCTTTCCTGGAAGA
 GCTTATGAAACGCTACGGAGAGAATGACAGCCTTACCTTGCCACAGCTGAAGACTCTGCTCAACAGCGTG
 GGCGTGGGCCGGGATAATGTTTCCCTGCCCAAAGAAGCACACAGGAACCTCTCCACGTGCTTTAGCTCTG
 GAGATCTCTTTGCGGCCACAACCTCAGTGAGCGATCTCGTATTGGGAAGAGTGAATTCAGGAGTTCTG
 CCCCACCATTCTCCAGCAGTTGGATTCCCGGGCTTGACCCCAAGAAAACCAGGAGAATAAGGAAAATGAG
 CAGACAGAGGAGGGGAAGCCAAGCGCCATTGAAGTGTGGGGCTTTGGGTTCTCAGTGTCTCACTGATTA
 ACCTGGCCTCGTCTGGGAGTCTGGTCTGCCATGCACGGAGAAGCGTTTTTCAGCCGTGTGCTCAC
 TTACTTCATCGCCTTGCCATTGGAACGCTGCTCTTAACGCACTTTTCCAGCTCATCCCAGAGGCTTTT
 GGTTCACACCCTCAGGACAATTATGTCTCCAAGTCTGCTGTGGTCTTTGGGGTTTCTACCTTTTCTTTT
 TCACAGAAAAGATCCTGAAGATGCTCCTGAAGCAGAAAAACGAGCACCATCACGGACATAACCATTTTAC
 CTCCGAAACGCTTCTTCCAAGAAGGACCAGGAGGAGGTGTCACGGAGAAGCTACAGAATGGGGACCTG
 GATCATATGATTCCTCAGCACTGCAACAATGATCTGGATGGCAAGGCACCCAGCACAGACGAGAAGGTCA
 TCGTAGGCTCCATGTCTGTGCAGGACCTGCAGGCATCCCAGAGTGCTTGCTACTGGCTCAAAGGGTTTCG
 ATATTCTGATATTGGTACCTTGGCCTGGATGATCACCCGAGCGATGGTCTCCACAATTCATCGATGGC
 CTGGCTATCGGTGCTCCTTCACTGTGTCTGTCTTCCAAGGCATTAGCACGTCGGTGGCCATTCTCTGTG
 AGGAATTTCTCACGAGCTGGGAGACTTCGTTATCCTGCTCAATGCTGGTATGAGTATCCAGCAGGCCCT
 CTCTTCAACTTCTCTCTGCTTGGTCTGCTATGTGGTCTGGCCTTTGGTATCCTGGCTGGCAGTCAC
 TTCTCTGCAAACTGGATTTTGCAGTGGTGGAGGAATGTTCTTGTATATTGCTCTAGCCGATATGTTCC
 CTGAGATGAATGAGGTGTGCCAGGAGGATGAGAAGAAGGACAGCTTTTTGGTCCCCTTCGTATCCAGAA
 TCTTGGCCTCCTAACTGGCTTCTCCATCATGCTGGTCTCACCATGTATTAGGGCAGATTCAGATCGGG
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107275
- Insert Size:** 1473 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_001107275.1](#), [NP_001100745.1](#)

RefSeq Size: 4724 bp

RefSeq ORF: 1473 bp

Locus ID: 306009

Cytogenetics: 15p11