

Product datasheet for **RN209779**

Slc22a14 (NM_001108193) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a14 (NM_001108193) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209779 representing NM_001108193 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGAAGAACAAGCAACTCCAACACAGAGTTCGGATCCAGGATTCCAGGGACTCCCACCGGCATGAGC
TATCCTATCCCTCCCAGAACTGGTCCTTGGAGATGCTGTTACGAAGATTGAAGGCCTTGGATGATAGGAG
GGACGACAAGTTTGCCAGCGTCCTGGGTGCCATCGGGAGTTTGGCACGTTCCAGTGGAGGCTGGTGGCC
CTCACCTTCATCCCCAGTATCCTGTCAACCTTCTTCTTGCTCTCTCACCATTCTTGCTCACAGCTCAGA
GGCCCTACTGTAAACACAGCTGGATCCTGCAAGTGGGCCCAACCTCACGGAGGACGAACAGCTGAACCT
GACTGTGCCCGAGCACCAACGGCAGTTTCTGACATGCCTCATGTACATACCTGTGCCGTGGGATCTA
GACTCTATCGTCCATTTTGGCCTCAATTATACAGAAACATGCAAACACGGGTGGATCTATCCTTTTCGCTC
ACACGCGCTCTTGACCAACGAGTTTGACCTGGTGTGTGGCAATGAGCCACACGAGGAAAACGGGCAGAC
TGTGTTCTGTGAGGCATCCTGACAGGGTCTTCTCTTCGGGTTCTTAAGCGACAAGTTGGGCCGCTAT
CCAATCATCCTGCTGTCTCTGCTGGGATCCTCATCTTCGGCTTCGGGACAGCCTTTGTGAACAGCTTTT
ATCAGTATCTGTTCTTCCGCTTTTTTGTGGCCAGGCCTCCGTGGGCTACGCCATCTGCAGTGTCTCTTT
AGTCATGGAGTGGCTGGTGGGTGAGCACCGCGCCCAAGCCATCATTCTCCAGCACTGCTTCTTACCATA
GGGGTCATATTGCTGACGGGTTTGCTTACAAAATTAACCACTGGAGACTGCTGTTCTACTGGGCGGAG
TGCTATGTTTCCCTTATCTGCAACATCTGGGTTCTCCAAGAGTCCCCACGGTGGCTGATGGTAAAGG
AAAGGTGAAGAAGCAAGAAGGTGCTGTGCTATGCGGCTGAGGTGAACAAGAAGACCATCCCTTTAAAT
CTACTGAATGAGCTACAGCTGCCAGGAAAGAAGGCAAGGCCTCCATCCTGGACTTCTATACCAATCAGC
ACCTCTTCAAGGTGGTCTTGGCCATGGGATGTGTGTGGTTTACTGTCAAGTACGTCACTTACACTGAG
CCTCAAGATGAAGGACTTTGGGTGGACATTTACTTCATACAAGTGGTCCCCTGCATCACGGCAGTGCCA
GCCCGTCTGTGCTGTATCCTTCTCCGAGTATTTCCGGAGGAAGTGGAGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108193
Insert Size:	1314 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:	<u>NM_001108193.1, NP_001101663.1</u>
RefSeq Size:	2077 bp
RefSeq ORF:	1314 bp
Locus ID:	316061
Cytogenetics:	8q32