

Product datasheet for **RN208596**

Slc16a14 (NM_001108229) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc16a14 (NM_001108229) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc16a14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208596 representing NM_001108229 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTATACAAGTCATGAAGATATCGGGTATGACCTTGAGGATGACCGAAAAGCTAAGAATAAGAAGACCC
TGAAGCCCCACCCGGATATCGATGGTGGGTGGGCTGGATGATGGTCCTCTCTTCTTTTGTTCACAT
CCTCATCATGGGCTCACAGATGGCCCTAGGAGTCCTCAACGTGGAGTGGCTTGAAGAATTCACCAGAGC
CGTGGCCTGACCGCTTGGGTGAGCTCCCTAAGCATGGGCATCACCTTGATCGTGGGACCTTTCATCGGCT
TGTTTATTAAACACCTGTGGGTGCCGCCAGACAGCAATCATTGGAGGGCTGGTGAACCTCCCTCGGCTGGGT
GCTGAGCGCCTATGCAGCTAATGTGCAGTCTCTCTTTATTACCTTCGGAGTGGCAGCAGGCCTCGGCAGT
GGGATGGCCTACCTGCCTGCAGTGGTCATGGTGGGAAGTACTTTCAGAAGAGACGAGCCCTGGCCAGG
GCCTCAGTACCACAGGGACAGGATTTGGGACATTCCTGATGACCGTGCTGCTGAAGTACCTGTGTGCAGA
ATATGGCTGGCGGAATGCCATGTTTCATCCAAGGTGCTCTGTCCCTGAACCTGTGTGTTTGTGGGCGCTC
ATGAGGCCCTCTCTCTGAGAAAGTAGAAACTGCTCGGAGCAGAAGAGCCATGCTATTTTGGGACAG
CCTCGCTCTTACCAACCGCATGTTTGTAGCCTTTATTTTCTGGGCTCTGTTGCGGTACAGCAGTTTGT
GATCCCTTTTCATCCACCTGCCAGAAATCGTCAGTCTGTATAACTTGTGGAACAAAACGACGCCTCCCT
CTGACCTCCATTATAGCAATACTTCACATCTTCGGGAAGGTAATCCTGGGGGCCGTGGCAGACCTCCCT
GTATCAGCGTCTGGAACGTCTTCTCATCGCTAACTTCACCTAGTCTCAGCATCTTCTCTGCCCCCT
GATGCACACCTACGCCAGCCTGGCTGTCATTTGCGCCCTAATTGGGTTTTCTAGCGGGTATTTCTCCCTC
ATGCCCCGTGGTGACGGAGGACCTGGTTGGCACTGAGCACTTGCCAATGCCTACGGCATCATCATCTGCG
CCAATGGCATCTCAGCCTTACTAGGACGCCATTCGCAGGATGGATCTTCGACATCACCCAAAAATACGA
CTTCTCCTTTTATATGTGGTTTGCTTTACATGGTAGGATACTCTTTTGTCTCATCCAGCCGTGATT
CAGATGACTGAACAATCCGAAGGAAGTGCATGGACAGTGCACATGTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108229
Insert Size:	1311 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_001108229.1, NP_001101699.1</u>
RefSeq Size:	2252 bp
RefSeq ORF:	1311 bp
Locus ID:	316578
Cytogenetics:	9q35