

Product datasheet for **RN207081**

Slc25a44 (NM_001108947) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a44 (NM_001108947) Rat Untagged Clone
Tag: Tag Free
Symbol: Slc25a44
Synonyms: RGD1307244
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207081 representing NM_001108947
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGAGGGGCATGCCGAGGACCTGAATTGGCAGTGAAGAGCCAGACAGAAGGTCTCCGGCAACA
 TGGAGGGCAAGCGAACATTCAGATCATCGAGTGGGAGCACCTGGACAAGAAGAAGTTCTACGTGTTCCG
 TGTGGCTATGACAATGATGATCAGGGTCAGCGTGTACCCGTTACCCCTCATCCGCACCCGCTGCAGGTC
 CAGAAGGGCAAGAGCCTCTACCATGGGACCTTTGATGCCTTTGTCAAAATCCTTCGAGCAGATGGAGTGA
 CTGGCCTCTACCGGGATTCTCTGGTGAACACCTTCACACTCATCTCTGGCCAGTGCATGTTACCACTTA
 CGAGCTTACCCGGAAATTTGTAGCTGACTACAGCCAGAGTAACACAGTCAAATCACTGGTAGCCGGTGGC
 TCAGCCTCCCTCGTGGCCAGAGCATCACGGTGCCATTGATGTTGTCTCCAGCATCTGATGATGCAGC
 GCAAGGGTGAGAAAATGGGTCGGTTCCAAGTGCCTGGGAACCTAGAGGGACAAGGGCTGATTGCCTTTGG
 CCAAATAAGACATCATCAGGCAGATCCTGCGGGCTGATGGGCTTCGAGGCTTACCGGGCTATGTG
 GCCTCACTGCTAACGTATATCCCAAACAGCGCGTTTGGTGGCCCTTTTACCACTTCTATGCAGAGCAGC
 TGTCGCGCCTGTGCCCTCAGGAGTGCCCTCACATTGTCTTTCAAGCCATCTCTGGGCCCCCTGGCTGCAGC
 CACTGCCTCCGTCTCACCAATCCCATGGATGTCATCAGAACCCTGTGCAGGTTGAAGGCAAGAGCTCC
 ATCATCTGACCTTCAGACAGCTGATGGCGGAAGAGGGCCCTTGGGGCCTCATGAAGGGCCTCTCAGCCC
 GAATCATCTCGGCTACACCCTCCACCATCGTCATCGTGGTGGGCTACGAGAGCCTCAAGAACTCAGCCT
 GCGACCCGAGCTGGTGGACTCAAGACTGG**TAG**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108947



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Insert Size:	1014 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:	<ol style="list-style-type: none">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_001108947.1</u> , <u>NP_001102417.1</u>
RefSeq Size:	3678 bp
RefSeq ORF:	1014 bp
Locus ID:	365841
Cytogenetics:	2q34