

Product datasheet for **RN215358**

Slc36a4 (NM_001108127) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc36a4 (NM_001108127) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc36a4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215358 representing NM_001108127
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCGCCGGCGCCGGAGGCGGGGATGCGAGGAGCTCGATATGGACGTGATGAGGCCCTTAA
 TAAACGAACAGAATTTTCGATGGGTCTCCGACGAGGAGCAGGAACAGACGCTTCTGCCCATGCAGAAACA
 CTACCAGCTCGATGGGCAGCATGGGATTTCTGTTTGTGCAGACCTTGATGCACCTTCTCAAGGGGAACATT
 GGAACCGGCTCTTAGGGCTTCCCTTGGCAATAAAGAATGCAGGCATCGTCTGGACCAATCAGCCTTG
 TGTTTATAGGAATTATTTCCGTCCACTGTATGCACATATTGGTACGTTGCAGTCACTTTCTATGTCAGAG
 GTTTAAGAAGTCAACGTTGGGGTACAGTGACACTGTGAGTTTTGCCATGGAGGCCAGCCGTGGAGTTGT
 CTTCAGAGGCAGGCAGCGTGGGGCGGAGCGTGGTCTGACTTCTTTCTGGTGATAACAGCTGGGATTCT
 GCAGTGTCTATATTGTCTTCTTAGCTGAGAATGTGAAACAGGTTTCATGAAGGACTCCTGGAGACCACAGT
 GGTCTGTTTTCGAATAGCTCGGATCTGTCTCAAGTCTGTGAGAGGAGAAGTGTGGACCTCAGGGTCTACATG
 CTCTGCTTTCTCCCACTTCTAATTTCTTGGTGTTCATTCGAGAGCTGAAGAGTCTCTTTGACTCTCAT
 TCCTTGCCAACATTTCCATGGCTGCCAGTCTCGTGATAATTTACCAGTATGTTGTTAGGAGCATGCCGGA
 TCCCCACAACCTTCCGATAGTCGCGGGGTGGAAGAAATACCCACTGTTCTTCGGTACCGCTGTGTTTGCT
 TTTGAAGGCATAGGCGTGGTCTGCCACTGGAAAACCAATGAGAGAGTCCAAGCGCTTCCCTCAGGCGT
 TGAACATTGGCATGGCCATCGTACAGGTGCTGTACATCAGCCTGGCCACGTTAGGCTACATGTGTTTCCG
 AGATGAGATCAAAGGCAGCATAACACTGAATCTTCCCCAGGACATGTGGTTGTATCAGTCAGTGAATC
 CTGTATTCCTTTGGCATTGTTGTGACCTATTCTATTAGTCTATGTCCCAGCAGAGATCATTATCCCCG
 CAGTCACTGTAGACTTTCATGCCAAATGGAAGTGCATCTGTGACTTTGGGATACGGTCCCTTTGGTTAG
 TATCACCTGTGCTGGCGGGTTCATTCCCCCGCTGGACATTGTGATCTCCTTGTGGGGCTGTGAGT
 AGCAGCACTCTAGCCCTGATCCTGCCCCGCTTGTGGAGATCCTGACGTTTTCCAAGGACCATTACAACG
 TATGGATGGTCTGAAGAACATTTCCATAGCGTTCAGTGGGTTCTGTTGGGCTTCTTGTGGGCACGTATG
 CACCGTCGAAGAAATTTTATCCAACACAGCAGTTGCTGATGGCGCCTCCAGAGTCTCTCTGAAAC
 GTGAACCTACATGTGTATCAAGTGGTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108127
- Insert Size:** 1503 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_001108127.1](#), [NP_001101597.1](#)

RefSeq Size: 2973 bp

RefSeq ORF: 1503 bp

Locus ID: 315439

Cytogenetics: 8q12