

Product datasheet for **RN211244**

Slc25a23 (NM_001106873) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a23 (NM_001106873) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211244 representing NM_001106873
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGGC**

ATCGGGGGGGCTCAGGCGACGCGGAGCGCGGACGCTGGGGTCGCCTGTTTCGAGGAAGTACAGCA
 ACAAGGACGGCCGCTGGACGTGCACGAGTTGCGCCAGGGGCTGGCTAGGCTGGGAAGGGCGATCCGGA
 CCGTGACAGCAGGGCATCTCCTGACTGGGACAGTGATGCAGATGGCGGCCTAGCCTGGAGGAGTTT
 ACTCAGTACCTGCAGGAACGGGAGCAGCGCCTTCTGCTCATGTTTCACAGCCTTGACCGGAACAGGATG
 GTCACATCGATGTCTGAGATTACGACAGCTTCCGTGCACTGGGTTTCTCCATCTCAATGGAGCAAGC
 AGAGAAAATCCTACACAGCATGGACCGTGATGGCACCATGACCATTGATTGGCAGGAATGGCGAGACCAC
 TTTCTGCTGCACTCTCTGGAGAATGTGGAGGATGCTCTTATTTCTGGAAGCATTCAACAGTCTGGACA
 TTGGTGAATGCCTAACGGTGCCTGATGAGTTCTCCAAGCAAGAGAACTTACAGGCATGTGGTGAAGCA
 ACTGGTGGCCGGTGCACTGGCTGGCGCTGTGTACGGACAGGCACAGCTCCTCTGGACCGACTCAAGGTA
 TTCATGCAAGTCCATGCCTCAAAGTCCAACCGGCTCAACATCCTAGGGGGCCTGAGAAACATGGTTCAAG
 AAGGGGGCCTCTTGTCCTCTGGCGGGCAACGGCATCAACGTGCTCAAGATCGCCCTGAGTCTGCCAT
 TAAATTCATGGCTTATGAACAGATCAAGCGGGCCATCTGCGGGCAGCAAGAGACTGCACGTTCAAGGAG
 CGCTTCGTGGCTGGCTCCCTGGCCGGGGCCACAGCTCAAACCATCATATACCCCATGGAGGTAATAAGA
 CTCGGCTGACTCTACGAGAAGTGGCCAGTACAAGGGGCTCCTGGACTGTGAAGCGCAATCTTAGAGCG
 TGAAGGGCCACGCGCCTTCTACCGTGGCTACCTGCCTAATGTGCTGGGCATCATTCCCTATGCAGGAATC
 GACCTAGCTGTCTACGAGACCTGAAGAATCGCTGGCTTACGAGTACAGCCACGAATCAGCTAACCCAG
 GCATTCTTGCTCCTGGCCTGTGGCACCATCTCCAGCACCTGTGGCCAGATTGCCAGTTACCCCTGTGC
 ACTGGTCCGTACCGAATGCAGGCCCAAGCCTCCATTGAGGGTGGCCCGCAGGTCTCCATGGTGGGTCTG
 CTTGACACATCTATCCAGGAGGGTGTATGGGGCCTCTACCGGGCATTGCCCCCACTTATGAAGG
 TCATTCCAGCTGTGAGCATCTCTACGTGGTCTACGAGAATGAAGCAGGCTCTGGGGTCACATCCAG
GTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106873

Insert Size: 1404 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_001106873.2, NP_001100343.1
RefSeq Size: 1404 bp
RefSeq ORF: 1404 bp
Locus ID: 301113
Cytogenetics: 9q12