

Product datasheet for **RN212472**

Slc26a3 (NM_053755) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc26a3 (NM_053755) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc26a3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212472 representing NM_053755
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCGAAGCCATAGGGAATCAGTATGTGGTGGCCAGACCGGTGTATTCCACAAAGGCTTTCGGAGAGG
 AGTTTAAGAAGACATACGGACATACAAGACATTCCTGGATCATCTCAAAGGGTGTGTAGCTGCTCCTC
 ACAAAAAGGCCAAGAAAATTGCCCTGTCTTTGTTCCCATAGCATCTTGGTTGCCAGCATACAAGATAAG
 GAATGGCTTCTCAGTGACATCGTCTCTGGCATCAGCACTGGGCTGGTGGCTGTGCTGCAAGGTTTAGCAT
 TTGCTCTGCTGGTCAACATCCCTCCTGCCTATGGGTTGTACGCAGCCTTTTTCCAGTTATCACCTACTT
 CTTCTTGGGCACATCTAGACACATATCTGTGGTCCGTTTCCAGTTCTGAGCATGATGGTGGGAGTTGTA
 GTTACAAGAGTGGCTCGGGCTCCGATACTTCTCCAGCATTGCTCCTCAAGCTCGGCAGAAAATGATTCAA
 TGATAGAGGAGAAGGTAATGGTGGCCGCATCGGTACTGTTCTTCTGGAATCATTAGTTGCTCCTGGG
 GGTCTGCAGATAGGCTTTGTGGTGATACCTATCCGAGTCCCTAATCAGCGGCTTACCACGGCTGCT
 GCCATTACGTTCTGGTTTCTCAACTGAAATTCATGCTACAGCTGACGGTCCCAGCACACAGCGACCCAT
 TCTCTATATTCAAAGTCTGGAGTCAGTCTTCTCAAAATTCAGAAGACGAACATCGCAGACCTGGTGAC
 ATCTGTGATTATCCTCGTGGTCGTGTTGTGTCGCAAGGAAATCAACCAGCGCTACAGGAGCAAGCTCCG
 GTGCCATCCCCATCGAACTCATGACTGTAATTGCAACAGGCATATCCTATGGCTGTAACTTTGAAC
 AGAGGTTTGGCGTGGCCGTGGTTGGGAACATGAGTCTTGGGTTTCAACCCCTATTACCCCAAGTGTGGA
 AGTTTTCCAAGACACCATAGGAGACTGCTTTGGCATTGCGATTGTCGGCTTTGCCGTGGCCTTTTCAGTT
 GCTAGCGTGTATCCCTCAAATACGATTATCCCATTGATGGCAACCAGGAGTTAATTGCCTTGGGGTGA
 GCAACATATTCAGTGGAGCTTTCAAAGGATTTGCAGGGAGCACAGCCCTTCCAGATCAGGGGTTCCAGGA
 GAGCACGGGAGGCAAAACACAGGTCGCGGGGCTTCTCTCGGCTGTCATTGTGCTGATAGTCATAGTTGCC
 ATCGGATTTCTCCTGCAGCCTCTACAAAAGTCTGTCTGGCAGCTCTGGCGCTTGAAACTTGAAGGAA
 TGCTGATGCAGTTTGGCAGATAGGCAGGCTGTGGAAAAAGGATAAATACGATTGTTAATCTGGATCAT
 GACCTTCACTTTGCCATCGTCTTGGGCTCGGATTAGGCCTGGCAGCAAGTGTGGCATTTCAGCTCCTA
 ACTATTGTGTTCCAGGACCAATCCCAAATGCAGCACACTGGCTAATGTTGGAAGGAGCAACATCTACA
 AGAATAAAAAAATTATGCTGACGTTTATGAGCCAGAAGGAGTAAAAATTTTCAGATGTCCTGCTCCAAT
 CTACTTCGCAAACATTGGTTTCTTTAAGCAGAACTTATTGACGCTGTTGGCTTTAACCCACTTCGAATT
 CTACGCAAGCGCAATAAAGCTTTGAAGAAAATCCGAAAATGCAGAAGCAAGGACTGATACAAGTGACAC
 CTAAGGATTTATATGCACCTCTGATGGCTTCAAAGACTCTGATGAAGAATTGGACAACAACCAGATAGA
 AGAACTGGATCAGCCGATCAATACCACGGACCTGCCCTTTGAAATAGACTGGAACGCCGATCTCCCCCTC
 AACATCACCATCCCCAAAATCAGCCTCCACAGCCTCATCTCGATTTTTTCAGCAGTATCCTTCTTGACA
 TCTCCTCAATGAGGGGCTCAGAACGATTTTACAAGAGTTTATTAGGATCAAGGTGGACGTATATATTGT
 GGGAACCGATGATGATTTATTGACAACTTGTCTGGTGTGAATTCTTTGATGACGAAGTACAGACTCA
 ATATTTTTCTTAACAATCCATGATGCTATTTTGCATATTTGGATGAAGAAGGACTACAGCACTTCAAAGT
 TCAATTCAGCCAGGAAAAAGAAAGAAATTTGACTTTACCATAAATACAAATGGAGGATTACGTAATCG
 GGAATGTCAGGTACCAGTTGAAACGAAATTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_053755

Insert Size: 2274 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_053755.2</u> , <u>NP_446207.1</u>
RefSeq Size:	2850 bp
RefSeq ORF:	2274 bp
Locus ID:	114629
UniProt ID:	<u>Q924C9</u>
Cytogenetics:	6q16
Gene Summary:	transmembrane chloride/bicarbonate exchanger; plays a role in mediating electrolyte and fluid absorption in the colon [RGD, Feb 2006]