

Product datasheet for **RN208314**

Slc26a4 (NM_019214) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc26a4 (NM_019214) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc26a4
Synonyms:	Pds
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN208314 representing NM_019214
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCAGCGCGGACCGCAGGTCGGAGCCGCCGAGCTCGCCAGTACAGCTGCAGCTATGCGGTGTGCG
 GGCCGGGTGTACAGCGAGCTCGCCTTCAGCAGCAGCGCGAGCGGCCTGCCGGAGCGCAGGACGCTGCG
 GGACAGCCTGGCGCGGAGCTGCAGTTGCTCAAGAAAGAGAGCGTTTGGTGCCTGAAGGCTCTCCTGCC
 ATTCTGGACTGGCTCCAAAATACCGAGTCAAGGAATGGCTACTCAGTGATATCATCTCTGGAGTTAGCA
 CTGGGTAGTAGGTACCTGCAAGGGATGGCTTATGCTCTGCTAGCTGCAGTTCTGTTCATATGGTCT
 CTACTCTGCCTTTTCCCATCTGACGTATTTGTCTTTGGAACATCAAGACACATCTCCGTGGCCCT
 TTCCCGTGGTCAGCTTAATGGTGGGTCCGTTGTTCTGAGCATGGCTCCGGATGACCACTTTCTGTGTC
 CCAGTGGTAACGGAAGTACCTTGAACACAACCACATTGGACACCGGAACCAGAGATGCCGCACGAGTGTT
 GCTTGCCAGCACCTCACTCTTCTGGTTGGAATCATAAGCTGGTGTGGAGGTTGAGATTGGATTCT
 ATAGTGAGGTACTTGGCAGACCTTTGGTTGGCGGATTCAACACCGCCGCGCTTCCAAGTGCTGGTCT
 CACAGCTGAAGATCGTGCTCAATGTCTCAACCAAACTACAACGGTGTCTCTCCATTATCTACACACT
 AATCGAGATTTTCAAAATATCGGTGACACCAATATTGCTGACTTCATTGCTGGGTACTGACCATCATC
 GTCTGTATGGCTGTTAAGGAATTAACGATCGATTTAAACACAAAATCCAGTCCCGATTCTATAGAAG
 TGATTGTGACAATTATCGCCACCGCCATTTCTATGGGGCAACTTGAAGCAAATTACAATGCAGGCAT
 TGTTAAGTCCATCCCAAGTGGGTCTTGCTCTGTACTGCCGTCTGTGGGCTGTTTCTGACATGCTG
 GCTGCTTCTTTTCCATTGCCGTGGTGGCTTACGCTATTGAGTGTCTGTAGGAAAGTCTACGCCACCA
 AGCATGACTACATCATCGATGGGAACAGGAATTCATTGCCTTCGGGATAAGCAACGCTTCTCTGGATT
 TTTTTCCTGTTTTGTGGCTACCACTGCTCTGCTCGAACGGCTGTCCAGGAGAGCACTGGGGGGAAGACA
 CAGGTGGCAGGCCTCATCTCAGCTGTGATTGTGATGGTGCAGTCTGTCCTGGGGAAGCTTCTGGAAC
 CCTTGCAAGTCTGTCTTGGCAGCCGTCGTATTGCCAACCTGAAAGGGATGTTATGCAGGTGTGTGA
 TGTTCTCGTCTGTGGAAGCAGAATAAGACTGATGCCGTTATCTGGGTGTTACATGCATAATGTCCATC
 ATTCTGGGGCTGGACCTCGGTTTGTGGCTGGTCTTTTATTTGGACTACTGACTGTGGTCTGAGAGTTC
 AGTTCCTTCGTGAATGGCCTTGAAGTGTCCCAGCACAGACATCTACAAAAGTATCACACATTATAA
 AAACCTTGAAGAGCCTGAAGGGTGAAGATCCTGAGATTTTCCAGTCCCATTTTTATGGCAATGTCGAT
 GGTTTTAAAAATGCGTCAAGTCAACAGTTGGATTTGATGCCATTAGAGTATATAACAAGAGGCTGAAAG
 CACTAAGAAGAATACAGAACTCATCAAAAAGGACAACCTCAGGGCAACCAAGAACGGGATTATAAGTGA
 CGTTGGCTCATCAATAACGCTTTTGAGCCTGATGAAGATGTGGAAGAGCCAGAGGAGCTTGATATCCCA
 ACCAAGGAAATTGAGATTCAAGTGGACTGGAACCTGAACTCCCGGTGAAAGTGAATGTCCCGAAGGTGC
 CAATCCACAGCCTGGTGTGGACTGTGGAGCTGTGCTTCTCGGATGTGGTAGGAGTGAGGTCACTGCG
 AATGATTGTCAAAGAATTCAGAGGATTGATGTGAATGTGTACTTTGCTTTGCTTCAAGACGATGTACTA
 GAAAAGATGGAGCAGTGTGGTTCTTTGATGACAACATTAGGAAGGACAGATTCTTCTGACAGTTCATG
 ATGCCATACTCTACCTGCAGAACAGGCCAAATCCAGGGAGGGCCAGGATTCCTGCTAGAGACGATCAC
 TCTCATTCAAGACTGCAAAGATCCTCTTGAACGTGATGGAAGCAGAGATAAATGAGGAAGAGCTTGATGTT
 CAGGATGAGGCCATGCGTAGACTTGCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_019214

Insert Size:

2343 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_019214.1</u> , <u>NP_062087.1</u>
RefSeq Size:	2853 bp
RefSeq ORF:	2343 bp
Locus ID:	29440
UniProt ID:	<u>Q9R154</u>
Cytogenetics:	6q16
Gene Summary:	apical Cl(-)/OH(-)/HCO(3)(-) exchanger in beta-intercalated cells [RGD, Feb 2006]