

Product datasheet for **RN215286**

Slc13a4 (NM_001012621) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc13a4 (NM_001012621) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc13a4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215286 representing NM_001012621
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTTGCAGGGCCTTCTCAAGCAAGAAAGTGTATTGGTCATCTGTGTGCCGCTGTCTGTGC
 TGCCCTGCCACTATCTACCCACCAGCGGGGAGTGGAACTTTATTTCCAGTGGGAAATGTCCAGATT
 TTCCACTTTCCCGAATCTCACTCGGATGGAATTCTATCTCCACTGTAGAAGGATGTCTGTGGCATCAG
 GCCACAGGCATGGCTTCCAAGGACAAGGAGCACGAGGAGGCCATTTCTCTAAACTTCATCCTTTTCCAAA
 AGGAGGCTGCGTGTGCTTACGTGCTGTTGTGACCCTGTGTACTGGGTGTCCGAGGCGGTGCCTTTGG
 AGCTGCAGCCCTCGTGCCTGCCTTCTCTACCCGTTCTTCGGCGTTCTCCGATCCAGTGAGGTAGCGGT
 GAGTACTTCAAGAACAACGCTGCTGTTGGTGGGTGTCATCTGCGTGGCAGCAGCTGTGGAGAAATGGA
 ATTTACACAAGCGCATCGCCCTGCGTATGGTCTTGATGGCCGGAGCCAAGCCTGGCATGTTACTGCTGTG
 CTTTATGTGCTGTACCACCATGTGTCCATGTGGCTCTCCAACACCTCCACCACCGCCATGGTGATGCC
 ATCGTGGAGGCCGTGCTGCAAGGAGCTGATCAACGCTGAGGAGGAACAGTTGGTGGCGGGCAACTCCAGCA
 CTGAGGAGGCTGAGCTCATGGGTGTGGACGTAAGCAACAGACAAACTTCTGTAGAACTCATCTTTGTCAA
 CGAAGACACGTCGGCTGCAGACTTCACTTCTCTGATGCAGAACAAGAATCTGAATGGTGTGCCCATGGTC
 ACCAAGTCCATCAAAACAGCAAAACCAACAGCAACAGAAGAAGCAGCATCAATCACAGGAAAAACCGGGAG
 TCCCGACCCCAAGCTCCAAGAACAAGAAGTGAACAAGAAGAAGTACAGATCCCACCATGACCAAAATGGT
 CTGCAAGTGCCTCTCTGAGCATATCTTACGCTGCCACCATGGCGGCTGACCACCATCATAGGCACC
 TCCACCAGCCTCATTTTCTTAGAGCATTCAACAACAGTATCCGGCGGCAGAGGTGGTGAATTCGGGA
 CCTGGTTCTCTCAGCTTCCCATCTCTCATCATGCTGGTGGTTCAGCTGGTTCTGGATGCATTGGCT
 CTTCTGGGCTGCAACTTTAAAGAGACCTGCTCTCTGAGCAAGAAGAAGACCAGGAGGGAGGAGCTG
 TCAGAGAGGAGGATCCGGGAGGAATATGAAAACTGGGAGACATTAGCTACCCTGAAATGGTGACCGCAT
 TTTTCTTCATCTGATGACAGTGTGTGGTTTACCCTGGGAGCCCGGCTTTGTCCCTGGTGGGATTCTTT
 CTTTGAAGAAGAAAGGCTACCGCACGGACGCCACCGTCTCTGTATTCTTGGTTTCTGCTCTTCTCATC
 CCAGCGAAGAAGCCCTGCTTTGGGAAGAAGAGTACGGAGCAGGCCAGGAAGCCTCCCGGGGATAGAGC
 CCATCATCACGTGGAAGGACTTCCAGAAAATATGCCCTGGGAGATTGTCATCTAGTGGGAGGAGGCTA
 TGCCCTGGCTTCGGGCAGCAAGAGCTCTGGCCTCAACATGGATTGGGACCAGATGCTGTCCCTGAGC
 AGCCTCCACCATGGGCTATCACTCTGCTGGCATGCGTCTGGTGTCCATTGTCACAGAGTTTGTACGCA
 ATCCAGCCACCATCACCATCTTCTGCCATCCTATGTACCCTGTCCGAAACACTGCACATCAATCCACT
 GTACACCTGGTCCCGGTTACCATGTCCATCTCCTTTGCTGTAATGCTGCCTGTGGGCAATCCCCCAAT
 GCTATCGTCTTACGCTATGGGCACTGCCAGATCAAGACATGGTAAAAGCTGGCCTAGGGGTCAATGTCA
 TCGGCCTGGTGATAGTGATGGTGGCCATCAATACTTGGGGAGTTAGTCTCTTCCACTTGGACACTTTCC
 AGCCTGGGCTAAGGTCCGCAACATCACTGATCAGACCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001012621
- Insert Size:** 2070 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_001012621.1](#), [NP_001012639.1](#)

RefSeq Size: 2070 bp

RefSeq ORF: 2070 bp

Locus ID: 503568

Cytogenetics: 4q22