

Product datasheet for **RN215487**

Slc17a3 (NM_153622) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc17a3 (NM_153622) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc17a3
Synonyms:	Rnpt4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215487 representing NM_153622
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACAATGGTAGAACTGAGCCCTACAAGTGAGCAGTGTGAGTTTGTCTAGGTCTGCCAGTGAATA
 AGAAGACCCCTCCCGGAAAGTCCCGAGTTTATGTTCCATGCGCTATTCAATAGCCTTCATCGCACATAT
 CTGCAACTTCACATTGATAGCACAGAATCCATCATAAGCATCACCATGGTAGCCATGGTCAACAACACG
 GACCAGCCATCCACCTCAATAGCTCTACTGAATGGTTTCTGATGGTTTAAACGGTGATCAACATGAAG
 CTTCAAAGCATCTTTCTATAAAGGCCCTGTGTATAACTGGAGTCTCAAACCAAGGAATCATCTTCAG
 CTCTGTCCAGTATGGCATGATGCTGATGCAGGGTCTGGCGGATACTGGCAGGGAAATTAGGAACAAG
 AAAGTGGTTGGAATTGCTCTGTTGGGATCGTCACTGCTACTCTGTCATCCACTGGCTGCCAATCTTG
 GACTAGCTTTTCTCTGGCAACTCGAGCAGTTCAGGGCTTAACCCAGGGCGCTGGATATGGGGACAGTT
 TGCCTCTGGCAGAAGTGGGCTCTCAAATGAACGCAGCCGACTCTGCAGCATTGCCATGTCAGGAATG
 ATATTGGGAATCTTTGCTGTGCTCCTTGTGGGCGGCATCATTAGTGAAGCCCTCGGGTGGCCCTTTGTCT
 TTTATATCTTTGGAAGTATTGGTGTGGTCTGCTGCCTTCTCTGGCTCATTCTGGTTTATGATGACCCGT
 CTCTCACCCATGGATAAGTAGCCAGAAAAGGAGTATATTTTATCCTCCCTGGACCAACAGTTCAACTCA
 GAAGAGCAACCACTTCCCATCAAAGCTATGCTCAAATCTCTGCCTCTCTGGTCCATGTGTCTTTGCAGTA
 TGACCCATCAGTGGCTTGTAAACACCCCTATAATATACTCCAACCTACATCAGTTCTGTGTTCAAAGT
 TAACATCAGAGATAATGGGCTCCTGTCTTCTCTCCCTTTTTTGTGCTGGGTCATTGGTATCCTGGGA
 GGCCTGCTGGCAGATTTCTACTAAGCAAGAATTTAGGCTCATAACTGTGAGAAAAATCATCACAATCT
 TAGGAAATACTCCCCCTGCTGCCCTTGTGTGGCTCTGCCCTATGTCCAATCCAGCTATATTGCAACAAC
 TACATTTCTGACCCCTTCTGTGGACTAAGCCCTCTATGTCAGTCAGGAGTCTATATTAATGCATTAGAT
 ATTGCTCCAAGGTATGCCAGCCTTCTCATGGAAACATCAAGAGGGCTCGCACATTCATCTGCTGTATGG
 TACCCATTGTTGCTGGCTTTTCTCAATCAGGACTCTGAATTCGGGTGGAGGAATTTCTTTTTTGTCT
 ATTTGCGATTAACCTATTTGGCTTAATCATCTACCTCGTGTGGCGAAAGCAGATATCCAAGAATGGGCT
 AGAGAGAGGAAGCTCACCCGTTT**TGA**

ACGGCTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_153622

Insert Size: 1497 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_153622.2](#), [NP_705886.1](#)

RefSeq Size: 2292 bp

RefSeq ORF: 1497 bp

Locus ID: 266730

Cytogenetics: 17p11