

## Product datasheet for **RN206598**

### **Slc15a3 (NM\_139341) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc15a3 (NM_139341) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc15a3
Synonyms:	Pht2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206598 representing NM\_139341  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATG**TCCGCACTTCGCGCCGAACAGCAGCCAAGCAGATCCGGAGAGAGGCAACCACTGGTGGCTCAAGGCC**  
 GGTGGGGGCCCGACGGTGGAGGCGGACAGCAGCTGCTGCGGTGCTGCTAGTGGAGATGCTGGAACGCGC  
 TGCTTTCTTTGGCGTCACTCCAACCTCGTGCTCTACCTCAACAGCTTGAACCTCAACTGGGATGGTGAG  
 CACGCGTCGCGGGCCACACTCCTCTTCTTAGGGCCTCCTACCTGCTGGCTCCGGTGGGAGGCTGGCTGG  
 CCGACGTGTACCTGGGCCGTTTCTTGTATTTTCGCTCAGCCTGCTGCTACCTGGCTGCCACTGGCTT  
 GTTGCTCACCACCATCACCGACGATGGCCGAGATCCTTCTGTGGAGAGATGCCCGAGTTGCCACTGAAA  
 CCTGCCTGTCCATCCGAAACTGCCAAGGCTCCTGGTCCAGCCCCTACTGCGCGACCACCCTCTACTTAG  
 TGTGCTTCTCTTGGCGCTGGCTGCCAGCTCCGTCCAGGCAACCTCACCTCGTTCGGGGCCGACCAGGT  
 GATGGATCTCGGCCGTGATGCCACCCGCGCTTCTTCAACTGGTCTATTGGAGCATCAATCTGGGTGCC  
 ATTCTGTCCCTGCTGGTGGTGGCTTTCATCGAACAGAATCAGCTTCTACAGGGCTACAGCATCATCG  
 TGGGCCTCGTGGGCTGGCATTCTCATTCTTCTCATCGCCACACCCGCTTTCATCACCAGCCCAAC  
 AGGCAGCAAGTGTATCTATGCTGAACCTTGCAATCCAAAAGTCTGTCCCGGGTGGCAGTGGTGGCGG  
 AGGCCCTTCCAGGAACTCTGAAGGTGCTCACCTGTTGCCTGACCAGAGGTCTAACCAGCCTGGACCTT  
 CTCCACAAGAAGATAGGCCAATTCAGGTGCTGTTGAAGGTCTGCCTGTGATGGTGACCCCTGTGCTC  
 TACTGGATGGTGTATTTCCAGATGCAGTCCACCTATGCCTACAAGGTCTCCACCTCCATATCCCAAC  
 ATCTTCCGCACCAACCCTAACATCTCTTGGCACTGAGATCGGATAGCAGTAACCTACAGGATCCAGAAG  
 CCTGGCTCCTGGCCAATGTTGCAGTGATACTGATTCTGGTCCCTGTCAAGGACCCTTAATTGATCC  
 TCTGCTGCTGCGGTGTAAGCTGCTGCCCTCGGCTCTGCAGAAGATGGCGCTGGGCATGTTCTTTGGGTT  
 ACTTCCATCATCGTGGCAGGAGTCTGGAAAAAGAGCGCTTGCAGTACATTGCTGCCAACAGACAGTGC  
 CTCAGCTGATTGGGAAGGACTTATACTATGCGGCACCACTGTCCATCTGGTGGCAAAATCCCAATACCT  
 GCTCATCGGGATCAGTGAGATTTTGGCAGCATCCAGGTCTGGAGTTCGCTTACTCGGAAGCCCAACGC  
 TCCATGCAGGGCGCAATCATGGGCATCTTCTTGCCTTTGGGGGTAGGTTCACTGCTAGGCTCTGGCT  
 TGGTGGCCCTACTGTCCCTTCTGGAGGCTGGATGTACTGCCCTAAGGACTTCGGGAACATCAACAAGT  
 TCGTATGGACCTTACTTCTTCTGCTAGCCGGCATTAGGCTGTACAGCTGTCTGTTCTCTGGATT  
 GCTGGTGTATGAGAGGACTCGTCAGGACCCAGACTCCAGAAGTCAACCAGCAGAGTCAAGGGCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_139341
- Insert Size:** 1749 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\\_139341.1](#), [NP\\_647557.1](#)

**RefSeq Size:** 1979 bp

**RefSeq ORF:** 1749 bp

**Locus ID:** 246239

**UniProt ID:** [Q924V4](#)

**Cytogenetics:** 1q43

**Gene Summary:** may play a role in protein catabolism in the lymphatic system [RGD, Feb 2006]