

## Product datasheet for **RN202601**

### **Slc22a24 (NM\_173302) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc22a24 (NM_173302) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a24
Synonyms:	Oat5; Slc22a9; Slc22a19
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202601 representing NM\_173302  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCTTTCAGGACCTTATAACTCAAATTTGGCTGCCTGGGGAGTTCCAGATCCTTCACTTGATTTTTG  
 TACTGATCTGCTTATCCTGGTAGTTCCCTCACACTGTTTTGGAGAACTTCACTGCAGCCATTCTAGTCA  
 TCGCTGTTGGGTCCCATCCTCGACAATAACACTATGTCTGATAATAACAGTAGGATCCTGAGCCAAGAT  
 GACCTCCTAAGGATCTCCATCCCAATGGACTCCAACCTGAGGCCAGAGAAATGCCGTCGCTATATCCAAC  
 CACAGTGGGATCTCCTTCATCTGAATGGCACCTTCTCCACTGTAACAGAGCCAGACACAGAGCCCTGTGT  
 GGATGGTGGGTGTATGACCAAAGCACCTTCTCTCCACCACAGTGACCCAGTGGGACCTGGTGTGTGGA  
 TCTCAAACACTGAATTCAGTGGCTAAATTTATCTACATGACTGGTATCTTTATAGGGCATCTCATGGGTG  
 GCCATTTATCAGACAAGTTGGGAGGAAGTTCATTGTGACATGTGGTTACTGACACTGGCTGCTACTGA  
 AACTTCTGTCGCTTTTGGTCCCACCTTCTCATCTACTGCTCACTCGATTCTCACAGGGATTTCTTCC  
 TCATGCATTAGGACAAACAGTGCTTTGCTCATATTAGAATGGACAAGTCCATAAATCCAAGCTATGGTAA  
 TGGCACTGATATTTCTGCTGGGGGAATTGGACAGGTTCTACTGGGAGTCTGGCTTTTGGTATTCCGAA  
 CTGGCAACACCTCCAGCTGGCGATGTCTGTACCAGTGTCTTCTCCTTATTCCACAAGGTGGTTGTCA  
 GAGTCAGCTCGATGGCTGATTATAACCAACAAACCCAGGAGGGCTTAAAGGAACCTATAAAAGTTGCAC  
 ACATAAATGGAATAAAGAATTCAAGAGATGTCCTAACCTTGGAGGTTGTGAAAACACCATGAAGGATGA  
 ACTGGAGGCAGCAGAGACAAAACCTCCCCTGGTGTGTTCCGTACACCAACCTTCGCAAGCGGATC  
 TGTCTTCTATCCTTTGTGAGATGTGTCTATTGATATCAACTGTAGGCCGTATTCAACCTCCAATATC  
 TGAGCAATAAAGTGTTCCTGCTGCAGTGTCTCTATGGTGTGGTGTGCACTCCAGCCAATCTCTTGGAAA  
 TTTTTCAATGAATTACATGGGCCGAGAACCAACCAATCATTTTCATGTCTGTGATGGGAATCTCCATT  
 CTGTCTATCACATTTTTGACTCAAGAAATGCAGATCCCCTGTTTGTGTTTGGCATTATTAGGAGGACAA  
 TTTCTTCTGCCTCTTTGACAAGTACTGTGTGCTTTCAAATGAGCTAGTCCCCTGTAATCAGGGCAAC  
 TGCTTTAGGAGTATTGGAATTTTTGGTGTGCTGGAGCAGCCCTGTCTCCTCTGTTGATGATTCTCATG  
 ACATATTCTGCTTCTTGCCTGGATCATCTATGGGGTCTTCCCCTCCTTAGTAGCCTTGTGCTCTC  
 TTCTTCTGAGACGAGGAATCAGCCTCTGCCTGACTCCATCCAAGATGTAGAAAAAAGAGGAAAAGCTC  
 AAGAGAGGTAAGAAAAGATGCGGTTGCCAAAGTGACACCATTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_173302
- Insert Size:** 1656 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\\_173302.1](#), [NP\\_775424.1](#)

**RefSeq Size:** 1995 bp

**RefSeq ORF:** 1656 bp

**Locus ID:** 286961

**Cytogenetics:** 1q43