

Product datasheet for **RN208495**

Slc7a11 (NM_001107673) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc7a11 (NM_001107673) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc7a11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208495 representing NM_001107673
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTCAGAAAGCCAGTTGTGGCCACCATCTCCAAAGGAGGTTACCTGCAGGGCAATGTGAGCGGGAGGC
TCCCCTCCGTGGGGACCAAGAGCCACCTGGGCATGAGAAGGTGGTTCTGAAAAAGAAGTCACTTTGCT
GAGGGGGTCTCCATCATCATCGGCACCGTCATCGGATCGGGCATCTTCATCTCCCCAAGGGCATACTC
CAGAACACGGGCAGCGTGGGCATGTCACTGGTGTCTGGTCTGCCTGTGGAGTACTGTCACTTTTTGGAG
CCCTGTCTTATGCTGAATTGGGTACGAGCATAAAGAAATCTGGTGGTCATTACACATACATTCTGGAGGT
CTTTGGTCCCTTGTAGCTTTTGTTCGAGTCTGGGTGGAAGTCTGGTAATACGCCCGGAGCTACGGCT
GTGATATCCCTGGCTTTTGGACGCTACATTCTAGAACCGTTTTTATTCAATGTGAAATTCCTGAACCTG
CAATCAAGCTTGTAAACAGCTGTGGGCATCACTGTGGTGTGGTTCTAAATAGCACGAGTGCAGCTGGAG
TGCCCGGATCCAGATTTTCTAACCTTTTGAAGCTCACAGCAATCTGATAATTATAGCCCTGGAGTT
ATACAGCTAATTAAGGGCAAACACATCACTTTAAAGATGCATTTTCAGGAAGAGATACAAATCTAATGG
GGTTGCCCTTGGCTTTTTATTACGGGATGTATGCATATGCTGGCTGGTTTTACCTCAACTTTATTACTGA
AGAAGTAGACAACCCTGAAAAACCATCCCCCTTGAATCTGCATCTCTATGGCCATCATCACAGTTGGC
TATGTCCTGACAAATGTGGCCTATTTACAACCATTAGCGCCGAGGAGCTGTTGCAGTCCAGCGCTGTGG
CGGTGACCTTCTCTGAGCGGCTGCTGGGAAAATCTCATTAGCAGTCCCAGTCTTTGTTGCCCTCTCCTG
CTTCGGCTCCATGAACGGTGGTGTGTTGTCTCCAGTATTCTATGTTGCATCTCGAGAAGGGCAC
CTTCGGAAATCCTCTCCATGATTCACGTCACAAAGCACACTCCTCTGCCAGTGTATTGTTTTGCATC
CTCTGACAAATGATAATGCTCTTCTCCGGAGACCTCTACAGTCTTCTGAATTTCTCAGTTTTGCCAGTG
GCTTTTTATGGGCTGGCAGTCGCCGGCTGATTATCTTCGATACAAACGCCAGATATGCATCGTCTCT
TTCAAGGTGCCTCTGTTATCCAGCATTATTCTCCTTCACTGCCTCTTCATGTTGTCCTCTCCCTTT
ACTCGGATCCGTTTAGCACCGGGTGGCTTCTTATCACCTTACTGGGGTCCCGGCGTATTACCTCTT
CATTGTATGGGACAAGAAACCAAGTGGTTCAGACGATTGTCAGACAGAATAACCAGAACATTACAGATT
ATACTAGAAGTTGTACCAGAAGACTCTAAAGAATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107673

Insert Size: 1509 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_001107673.2](#), [NP_001101143.2](#)

RefSeq Size: 8894 bp

RefSeq ORF: 1509 bp

Locus ID: 310392

Cytogenetics: 2q26