

Product datasheet for **RN201733**

Slc2a7 (NM_001101020) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc2a7 (NM_001101020) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc2a7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201733 representing NM_001101020
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGAACAAGAGGCGGGAACCCCTCCACCCATTCCATCCAGGAGGGGCGGCTCCAGCCGACGCTGT
 TGCTGGCGACACTGAGCGCGGCCTTTGGCTCAGCCTTCCAGTACGGCTACAACCTCTCTGTGGTCAACAC
 GCCGCACAAGGTCTTCAAGTCATTTTACAACGAAACCTACTTTGAGCGACACGCAACATTCATGGACGGG
 AAGCTCATGCTGCTTCTATGGTCTTGACCGTCTCCATGTTTCTCTGGGCGGCCTGTTGGGGTCATTGC
 TCGTGGGCTGCTGGTTGATAGCTGCGGCAGAAAGGGGACCTGCTGATCAACAACATCTTGGCATCAT
 CCCC GCCATCCTGATGGGAGTCAGCAAAGTGCCAAGGCTTTGAGCTGATCGTCTTTCCCGAGTGGTG
 CTGGGAGTCTGTGACGCATCTCTACAGCGCCCTTCCATGTACCTGGGAGAACTGGCCCCAAGAACC
 TGAGAGGCATGGTGGGAACAGTGACCGAGGTTTTCGTCATCGTTGGAGTCTTCTAGCACAGATCTTCAG
 CCTCCAGGCCATCTTGGCAACCCGGCAGGCTGGCCGGTGCTTCTGGCGCTCACAGGGGTGCCGCCCTG
 CTGCAGCTGCTGACCCTGCCCTTCTTCCCGAAAGCCCCGCTACTCCCTGATTAGAAAGGAGATGAAG
 CCACAGCGCGACAAGCTCTGAGGAGGCTGAGAGGCCACACGGACATGGAGGCCGAGCTGGAGGACATGCG
 TCGGAGGCGCCGGGCGAGCGCGCCGAGGGCCACCTGTCTGTGCTGCACCTCTGTGCCCTGCGGTCCCTG
 CGTTGGCAGCTCCTCTCCATCATCGTGCTATGGCCGGCCAGCAGCTGTGCGGCATCAATGCGGTCAACT
 ACTATGCGGACACCATCTACACATCTGCGGGCGTGGAGGCCGCTCACTCCCAATATGTAACGGTGGGCTC
 TGGCGTCGTCAACATAGTGATGACCATCACCTCGGCTGTCCTTGTGGAGCGGCTGGGACGGCGGCACCTC
 CTGCTGGCCGGCTACGGCATCTGCGGCTCTGCCTGCTGCTGACGGTGGTGTCTATTCCAGAACA
 GGGTCCCCGAGCTGTCTACCTCGGCATCATCTGTGTCTTGCCTACATCGCGGGACATTCCATTGGGCC
 CAGTCCTGTCCCCCGGTGGTGAGGACCGAGATCTTCTGCAGTCTCCCGCGGGCAGCTTTCATGGTG
 GACGGGGCAGTGCACTGGCTCACCAACTTCATCATAGGCTTCTGTTCCCATCCATCCAGGAGGCCATCG
 GTGCCTACAGTTTCATCATCTTGGCGAATCTGCCTCCTCACTGCGATTTACATCTACGTGTTATTCC
 GGAGACCAAGGGCAAAACATTTGTGGAGATAAACCGCATTTTGGCAAGAGAAACAGGGTGAAGCTTCCA
 GAGGAGAAAGAAGAAACCATTGATGCTGGGCTCCACAGCCTCTCTGCCAAGGAACTTCCTTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001101020

Insert Size: 1539 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:	<u>NM_001101020.1, NP_001094490.1</u>
RefSeq Size:	1539 bp
RefSeq ORF:	1539 bp
Locus ID:	100362644
UniProt ID:	<u>A4ZYQ5</u>
Cytogenetics:	5q36
Gene Summary:	Probable sugar transporter. Its physiological substrate is subject to discussion. Does not transport galactose, 2-deoxy-d-glucose and xylose.[UniProtKB/Swiss-Prot Function]