

Product datasheet for **RN202415**

Slc10a7 (NM_001010948) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Slc10a7 (NM_001010948) Rat Untagged Clone

Tag: Tag Free

Symbol: Slc10a7

Synonyms: P7

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN202415 representing NM_001010948
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGGCTGCTGGAGAGGGTGAGGAAAGAATGGTTCATGGTCGGGATAGTGGTGGCGATCGGCGCCGCTA
AGCTGGAGCCGTCGGTCGGAGTGAACGGGGGACCACTGAAGCCAGAGATAACTGTGTCTACATTGCTGT
TGCAACGATATTCTTCAACAGTGGACTGTCATTGAAAACAGAGGAGCTGACCAGCGCACTGGTGCACTTG
AAGCTGCATCTCTTCATCCAGGTCTTCACGCTTGCCTTCTCCCAACAACAATATGGCTCTTCTTCAGC
TCCTATCAGTCACGTCCATCAACGAGTGGCTTTTAAAAGGTTTGCAGACAGTAGGCTGCATGCCTCCCC
TGTGTCTTCTGCTGTGATTCTAACCAAGGCACTCGGAGGAAATGAGGCAGCTGCAATATTTAATTACGCA
TTTGGAAGTTTTTTGGGCATTGTTGTGACTCCAGTGCTCCTGCTGCTTTTCTCGGCTCATCCTCTTCCG
TGCTTTTACATCGATTTTCTCTCAGCTCTTTATGACGGTGGTGGTTCTCTTGTATCGGACAGATCGT
CCGAAGATACATCAAGGACTGGCTCGAAAGGAAGAAACCGCCTTTCGGCGTGGTCAGCAGCAGCGTGCTT
CTCATGATCATCTACACCACCTTCTGTGACACTTTCTCCAACCCAAACATTGACCTGGACAAATTCAGCC
TCATCCTCATACTGTTTATAATAGTCTCCATTCACTGAGCTTCATGCTTCTGACTTTCGCTTCTCCAC
ACGGAATAACTCGGGGTTACACCAGCAGACACAGTGGCTATCATCTTCTGCTCTACACACAAGTCCCTC
ACCTTGGGGATCCCGATGCTGAAGATAGTGTTCGCGCCATGAGCATCTCTCGTGATATCCCTGCCCT
TGCTTATCTACCACCGGCTCAGATCCTCTGGGAAGTGTTGGTGCCAACTATAAAGTCTTGGATGGT
GTCGAGGCAGAAGGGAGTGAAGCTGACGAGGCCAACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001010948
Insert Size:	1023 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_001010948.1, NP_001010948.1</u>
RefSeq Size:	1023 bp
RefSeq ORF:	1023 bp
Locus ID:	291942
UniProt ID:	<u>Q5PT50</u>
Cytogenetics:	19q11
Gene Summary:	Does not show transport activity towards bile acids or steroid sulfates (including taurocholate, cholate, chenodeoxycholate, estrone-3-sulfate, dehydroepiandrosterone sulfate (DHEAS) and pregnenolone sulfate).[UniProtKB/Swiss-Prot Function]