

## Product datasheet for **MC226419**

### Slc10a7 (NM\_001282109) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slc10a7 (NM\_001282109) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Slc10a7  
**Synonyms:** 2410193C02Rik; P7  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226419 representing NM\_001282109  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTCTTTCTTCAGCTCTTATCAGTCACATCCATCAACGAGTGGCTTTAAAAGGGCAGCTGCGATAT  
TTAATTCAGCATTGGAAGTTTTTGGCATTGTTGTGACTCCGGTCTCCTGCTGCTTTTCCTCGGTTCC  
ATCCTCTTCGGTGCCTTTTACATCCATTTCTCTCAGCTGTTTATGACGGTGGTGGTTCCCTTTGTCATT  
GGACAGATCGTCCGACGCTACATCAAGGACTGGCTGGAGAGGAAGAAGCCACCATTTGGTGTGGTCAGCA  
GTAGCGTGCTACTCATGATCATCTACACCACCTTCTGTGACACCTTCTCCAACCCAAACATCGACCTGGA  
CAAGTTCAGCCTCATCTCATACTGTTCAATAGTCTCCGTTCCAGCTGAGCTTCATGCTTCTGACTTTTC  
ATCTTCTCCACACGGAATAACTCGGGGTTACACCAGCAGACACAGTGGCTATCATCTTCTGCTCCACAC  
ACAAGTCCCTCACCTTGGGAATCCCAATGCTGAAGATAGTGTTCAGGCCATGAGCATCTCTCGCTGAT  
ATCCGTGCCCTTGCTCATCTACCACCCAGCTCAGATTCTCCTGGGAAGTGTGTTAGTGCCAACAATAAAG  
TCTTGGATGGTGTCCAGGCAGAAGGGAGTGAAGCTGACAAGGCCGACAGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001282109  
**Insert Size:** 684 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001282109.1</a></u> , <u><a href="#">NP_001269038.1</a></u>
<b>RefSeq Size:</b>	3568 bp
<b>RefSeq ORF:</b>	684 bp
<b>Locus ID:</b>	76775
<b>Cytogenetics:</b>	8 C1
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (e) lacks an in-frame exon in the central coding region, compared to variant a. The encoded isoform (e) is shorter, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>