

Product datasheet for **SC302481**

SLC10A7 (NM_001029998) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC10A7 (NM_001029998) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC10A7
Synonyms:	C4orf13; P7; SSASKS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001029998 edited ATGAGGCTGCTGGAGAGAATGAGGAAAGACTGGTTCATGGTCGGAATAGTGCTGGCGATC GCTGGAGCTAAACTGGAGCCGTCCATAGGGGTGAATGGGGGACCACTGAAGCCAGAAATA ACTGTATCCTACATTGCTGTTGCAACAATATTCTTTAACAGTGGACTATCATTGAAAACA GAGGAGCTGACCAAGTGCTTTGGTGCATCTAAACTGCATCTTTTATTTCAGATCTTTACT CTTGCATTCTTCCAGCAACAATATGGCTTTTTCTTCAGCTTTTATCAATCACACCCATC AACGAATGGCTTTTAAAGGTTTGCAGACAGTAGGTTGCATGCCTCCGCCTGTGTCTTCT GCAGTGATTTTAAACCAAGGCAGTTGGTGGAAATGAGGCAGCTGCAATATTTAATTCAGCC TTTGGAAGTTTTTGGGCATCGTTATAACACCCCTGCTCCTGCTGCTTTTTCTTGTTCA TCTTCTTCTGTGCCTTTCACATCTATTTTTCTCAGCTTTTTATGACTGTTGTGGTTCCT CTCATCATTGGACAGATTGTCCGAAGATACATCAAGGATTGGCTTGAGAGAAAGAAGCCT CCTTTTGGTGCTATCAGCAGCAGTGTAACCTCATGATCATCTACACAACATTCTGTGAC ACGTTCTCTAACCCTAATTGACCTGGATAAATTCAGCCTTGTCTCATACTGTTTCATA ATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACTTTTCATCTTTTCAACAAGGAATAAT TCGGGTTTTCACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACAAATCCCTT ACATTGGGAATCCGATGCTGAAGATCGTGTTCAGGCCATGAGCATCTCTCTTTAATA TCTGTACCCTTGCTCATCTACCACCCAGCTCAGATCCTTCTGGGAAGTGTGTGGTGCCA ACAATCAAGTCTTGGATGGTATCAAGGCAGAAGGGAGTGAAGCTGACAAGGCCGACAGTA TAA
Restriction Sites:	NotI-NotI
ACCN:	NM_001029998
Insert Size:	3420 bp


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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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001029998.1.
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_001029998.1, NP_001025169.1</u>
RefSeq Size:	2706 bp
RefSeq ORF:	1023 bp
Locus ID:	84068
UniProt ID:	<u>Q0GE19</u>
Cytogenetics:	4q31.22
Protein Families:	Transmembrane
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] Transcript Variant: This variant (2) encodes isoform b. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments.