

Product datasheet for **SC307620**

SLC10A6 (NM_197965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC10A6 (NM_197965) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC10A6
Synonyms:	SOAT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307620 representing NM_197965. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGAGAGCCAATTGTTCCAGCAGCTCAGCCTGCCCTGCCAACAGTTCAGAGGAGGAGCTGCCAGTGGGA
 CTGGAGGTGCATGGAAACCTGGAGCTCGTTTTACAGTGGTGTCCACTGTGATGATGGGGCTGCTCATG
 TTCTCTTTGGGATGTTCCGTGGAGATCCGGAAGCTGTGGTGCACATCAGGAGACCCTGGGGCATTGCT
 GTGGGACTGCTCTGCCAGTTGGGCTCATGCCTTTACAGCTTATCTCCTGGCCATTAGCTTTTCTCTG
 AAGCCAGTCCAAGCTATTGCTGTTCTCATCATGGGCTGCTGCCCGGGGGCACCATCTCTAACATTTTC
 ACCTTCTGGGTGATGGAGATATGGATCTCAGCATCAGTATGACAACCTGTTCCACCGTGGCCGCCCTG
 GGAATGATGCCACTCTGCATTTATCTCTACACCTGGTCTCGAGTCTTCAGCAGAATCTCACCATTCCT
 TATCAGAACATAGGAATTACCCTTGTGTGCCTGACCATTCTGTGGCCTTTGGTGTCTATGTGAATTAC
 AGATGGCCAAACAATCCAAATCATTCTCAAGATTGGGGCCGTTGTTGGTGGGGTCTCCTCTTCTGGTG
 GTCGCAGTTGCTGGTGTGGTCTGGCGAAAGGATCTTGAATTCAGACATCACCTTCTGACCATCAGT
 TTCATCTTTCTTTGATTGGCCATGTCACGGGTTTTCTGCTGGCACTTTTACCCACCACTCTGGCAA
 AGGTGCAGGACAATTCCTTAGAACTGGAGCTCAGAATATTCAGATGTGCATCACCATGCTCCAGTTA
 TCTTTCACTGCTGAGCACTTGGTCCAGATGTTGAGTTTCCCACTGGCCTATGGACTCTTCCAGCTGATA
 GATGGATTTCTATTGTTGCAGCATATCAGACGTACAAGAGGAGATTGAAGAACAACATGGAAAAAAG
 AACTCAGGTTGCACAGAAGTCTGCCATACGAGGAAATCGACTTCTTCCAGAGAGACCAATGCCTTCTTG
 GAGGTGAATGAAGAAGGTGCCATCACTCTGGGCCACCAGGGCCAATGGATTGCCACAGGGCTCTCGAG
 CCAGTTGGCCACATCACTTCATGTGAATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_197965
Insert Size:	1134 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_197965.2</u>
RefSeq Size:	1502 bp
RefSeq ORF:	1134 bp
Locus ID:	345274
UniProt ID:	<u>Q3KNW5</u>
Cytogenetics:	4q21.3
Protein Families:	Druggable Genome, Transmembrane
MW:	41.3 kDa
Gene Summary:	Transports sulfoconjugated steroid hormones, as well as tauroolithocholic acid-3-sulfate and sulfoconjugated pyrenes in a sodium-dependent manner.[UniProtKB/Swiss-Prot Function]