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Product datasheet for SC312225

SLC10A7 (NM_032128) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC10A7 (NM_032128) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC10A7
Synonyms:	C4orf13; P7; SSASKS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312225 representing NM_032128. Blue=Insert sequence Red=Cloning site Green=Tag(s) GTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTA CCGAGGAGATCTGCCGCCGCGATCGCCGGCGCGCCC ATGAGGCTGCTGGAGAGAATGAGGAAAGACTGGTTCATGGTCGGAATAGTGCTGGCGATCGCTGGAGCT AAACTGGAGCCGTCCATAGGGGTGAATGGGGGACCACTGAAGCCAGAAATAACTGTATCCTACATTGCT GTTGCAACAATATTCTTTAACAGTGGACTATCATTGAAAACAGAGGAGCTGACCAGTGCTTTGGTGCAT CTAAAACTGCATCTTTTTATTCAGATCTTTACTCTTGCATTCTTCCCAGCAACAATATGGCTTTTTCTT CAGCTTTTATCAATCACACCCATCAACGAATGGCTTTTAAAAGGTTTGCAGACAGTAGGTTGCATGCCT CCGCCTGTGTCTTCTGCAGTGATTTTAACCAAGGCAGTTGGTGGAAATGAGGCAGCTGCAATATTTAAT TCAGCCTTTGGAAGTTTTTTGGTAAGTAAACATAGTTTAACTTGTCTATTACAACTTTTGCTGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	AscI-MluI
ACCN:	NM_032128
Insert Size:	480 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).

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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:	NM_032128.4
RefSeq Size:	1821 bp
RefSeq ORF:	480 bp
Locus ID:	84068
UniProt ID:	Q0GE19
Cytogenetics:	4q31.22
Protein Families:	Transmembrane
MW:	17.3 kDa
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 (3) lacks several exons and its 3'-terminal exon extends past a splice site that is used in variant 2. The encoded isoform (c) has a shorter and distinct C-terminus, compared to 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.