

## Product datasheet for **SC324131**

### SLC41A3 (NM\_001008485) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC41A3 (NM_001008485) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC41A3
Synonyms:	SLC41A1-L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_001008485.1  
 CTCTTTTCCGCCCGCCCTGGGAGGGGACCCGGGCTGCCAGGCGCCAGCTGTGCCCAGA  
 TGGATGGGACAGAGACCCGGCAGCGGAGGCTGGACAGCTGTGGCAAGCCAGGGGAGCTGG  
 GGCTTCTCACCCCTCAGCACAGGAGGACTCCCTGTAGCCTCAGAAGATGGAGCTCTCA  
 GGGCCCTGAGAGCCAAAGCGTGACCCCAAGCCACTGGAGACTGAGCCTAGCAGGGAGA  
 CCGCCTGGTCCATAGGCCTTCAGGTGACCGTGCCCTTCATGTTTGCAGGCCTGGGACTGT  
 CCTGGGCCGGCATGCTTCTGGACTATTTCCAGCACTGGCCTGTGTTTGTGGAGTGAAAG  
 ACCTTTTGACATTGGTGCCGCCCTGGTGGCCTGAAGGGGAACCTGGAGATGACACTGG  
 CATCCAGACTCTCCACAGCTGCCAACACTGGACAAATTGATGACCCCAAGGAGCAGCACA  
 GAGTCATCAGCAGCAACCTGGCCCTCATCCAGGTGCAGGCCACTGTCGTGGGGCTTTGG  
 CTGCTGTGGTGCCTGCTGTTGGGCGTGGTGTCTCGAGAGGAAGTGGATGTCGCCAAGG  
 TGGAGTTGCTGTGTGCCAGCAGTGTCTCACTGCCTTCTTGCAGCCTTTGCCCTGGGG  
 TGCTGATGGTCTGTATAGTGATTGGTGCTCGAAAGCTCGGGGTCAACCCAGACAACATTG  
 CCACGCCATTGCAGCCAGCCTGGGAGACCTCATCACACTGTCCATTCTGGCTTTGGTTA  
 GCAGTCTTCTACAGACACAAAGATAGTCGGTATCTGACGCCGCTGGTCTGCCTCAGCT  
 TTGCGGCTCTGACCCAGTGTGGGTCTCATTGCCAAGCAGAGCCACCCATCGTGAAGA  
 TCCTGAAGTTTGGCTGGTTCCCAATCATCTGGCCATGGTCATCAGCAGTTTCGGAGGAC  
 TCATCTTGAGCAAAACCGTTTCTAAACAGCAGTACAAAGGCATGGCGATATTTACCCCG  
 TCATATGTGGTGTGGTGGCAATCTGGTGGCCATTAGACCAGCCGAATCTCAACCTACC  
 TGCACATGTGGAGTGCACCTGGCGTCTGCCCTCCAGATGAAGAAATCTGGCCCAACC  
 CGTGTCTACTTTCTGCACGTCAGAAATCAATTCATGTCAGCTCGAGTCCTGCTCTTGC  
 TGGTGGTCCCAGCCATCTGATTTTCTTCTACATCATCTACCTGGTGGAGGGTCAAGTCA  
 TCATAAACAGCCAGACCTTTGGTGGTCTACCTGCTGGCAGGCCTGATCCAGGTGACAA  
 TCCTGCTGTACCTGGCAGAAGTGATGGTTCGGCTGACTTGGCACCAGGCCCTGGATCCTG  
 ACAACCACTGCATCCCCTACCTTACAGGGCTGGGGGACCTGCTCGGTTCAAGCTCCGTGG  
 GCCACACTGCTGCTGTGCCAAGAAGGTGTACAGCCTCCCAGGATGGGGCCTCATAACA  
 CCTTCATCTGCACTCAACATTTAATCGTGTCTTGTCTTTTTATTTCTTTTTGTT  
 TGTTAGCAAAAACCTCTATTTAGATTTCAATAATCAGAGAAGTGTAAAATAAACAGATT  
 ATATTGTAATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_001008485

**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:** [NM\\_001008485.1](#), [NP\\_001008485.1](#)

**RefSeq Size:** 1805 bp

**RefSeq ORF:** 1524 bp

**Locus ID:** 54946

**UniProt ID:** [Q96GZ6](#)

**Cytogenetics:** 3q21.2-q21.3

**Protein Families:** Transmembrane