

Product datasheet for **SC301300**

SLC41A3 (NM_001008486) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC41A3 (NM_001008486) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC41A3
Synonyms:	SLC41A1-L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC301300 representing NM_001008486.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGATGGGACAGAGACCCGGCAGCGGAGGCTGGACAGCTGTGGCAAGCCAGGGGAGCTGGGGCTTCTCT
CACCCCTCAGCACAGGAGGACTCCCTGTAGCCTCAGAAGATGGAGCTCTCAGGGCCCTGAGAGCCAA
AGCGTGACCCCAAGCCACTGGAGACTGAGCCTAGCAGGGAGACCGCCTGGTCCATAGGCCCTTCAGGTG
ACCGTGCCCTTTCATGTTTGCAGGCCTGGGACTGTCTGGGCCGGCATGCTTCTGGACTATTTCCAGGCC
AACACTGGACAAATTGATGACCCCAAGGAGCAGCACAGAGTCATCAGCAGCAACCTGGCCCTCATCCAG
GTGCAGGCCACTGTCGTGGGGCTCTTGGCTGCTGTGGCTGCGCTGCTGTTGGCGTGGTGTCTCGAGAG
GAAGTGGATGTCGCAAGGTGGAGTTGCTGTGTGCCAGCAGTGTCTCACTGCCTTCCTTGCAGCCTTT
GCCCTGGGGTGTGATGGTCTGTATAGTATTGGTGCTCGAAAGCTCGGGGTCAACCCAGACAACATT
GCCAGCCCATTCAGCCAGCCTGGGAGACCTCATCACTGTCCATTCTGGCTTTGGTTAGCAGCTTC
TTCTACAGACACAAGATAGTCGGTATCTGACCGCGTGGTCTGCCTCAGCTTTGCGGCTCTGACCCCA
GTGTGGTCTCATTGCCAAGCAGAGCCACCCATCGTGAAGATCCTGAAGTTTGGCTGGTTCCCAATC
ATCCTGGCCATGGTTCATCAGCAGTTTCGGAGGACTCATCTTGAGCAAAACCGTTTCTAAACAGCAGTAC
AAAGGCATGGCGATATTTACCCCGTCATATGTGGTGTGGTGGCAATCTGGTGGCCATTAGACCAGC
CGAATCTCAACCTACCTGCATGTGGAGTGCACCTGGCGTCTGCCCTCCAGATGAAGAAATTCTGG
CCCAACCCGTGTTCTACTTTCTGCACGTGAGAAATCAATTCATGTCAGCTCGAGTCTGCTCTTGTCTG
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CAGACCTTTGTGGTGTCTACCTGCTGGCAGGCCTGATCCAGGTGACAATCCTGCTGTACCTCGCAGAA
GTGATGGTTCGGCTGACTTGGCACCAGGCCCTGGATCCTGACAACCACTGCATCCCTACCTTACAGGG
CTGGGGGACCTGCTCGGTTCAAGCTCCGTGGGCCACACTGCTGCTGTGCCAAGAAGGTGTACAGCCTCC
CCAGGATGGGGCCTCATACAACCTTCTGCACTCAACATTTAATCGTGCCTTGTGCTTTTTTAT
TTTCTTTTGTGTTAGCAAAAACCTCTATTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001008486

Insert Size: 1416 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: [NM_001008486.1](#)

RefSeq Size: 1698 bp

RefSeq ORF: 1416 bp

Locus ID: 54946

UniProt ID: [Q96GZ6](#)

Cytogenetics: 3q21.2-q21.3

Protein Families: Transmembrane

MW: 50.8 kDa