

Product datasheet for SC111311

SLC41A3 (NM_017836) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC41A3 (NM_017836) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC41A3
Synonyms:	SLC41A1-L2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017836, the custom clone sequence may differ by one or more nucleotides

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ATGGATGGGACAGAGACCCGGCAGCGGAGGCTGGACAGCTGTGGCAAGCCAGGGGAGCTGGGGCTTCCTC
ACCCCCTCAGCACAGGAGGACTCCCTGTAGCCTCAGAAGATGGAGCTCTCAGGGCCCTGAGAGCCAAAG
CGTGACCCCAAGCCACTGGAGACTGAGCCTAGCAGGGAGACCGCCTGGTCCATAGGCCCTTCAGGTGACC
GTGCCCTTCATGTTTGCAGGCCCTGGGACTGTCTGGGCCGGCATGCTTCTGGACTATTTCCAGCACTGGC
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GATGACTGATCCAGACTCTCCACAGCTGCCAACACTGGACAAATTGATGACCCCAAGGAGCAGCAC
AGAGTCATCAGCAGCAACCTGGCCCTCATCCAGGTGCAGGCCACTGTCGTGGGGCTCTTGCTGTGTGG
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TGTCCATTCTGGCTTTGGTTAGCAGCTTCTTCTACAGACACAAAGATAGTCGGTATCTGACGCCGCTGGT
CTGCCTCAGCTTTGCGGCTCTGACCCAGTGTGGGTCCTCATTGCCAAGCAGAGCCACCCATCGTGAAG
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CAATCTGGTGGCCATTGACAGCCAGCCGAATCTCAACCTACCTGCACATGTGGAGTGCACCTGGCGTCTG
CCCTCCAGATGAAGAAATTCTGGCCCAACCCGTTTCTACTTTCTGCAGTGCAGAAATCAATTCATGT
CAGCTCGAGTCTGCTCTTGCTGGTGGTCCCAGGCCATCTGATTTTCTTACATCATCTACCTGGTGGGA
GGGTGAGTCAGTCATAAACAGCCAGACCTTTGGTGGTCTACCTGCTGGCAGGCCCTGATCCAGGTGACA
ATCCTGCTGTACCTCGCAGAAGTATGGTTCGGCTGACTTGGCACCAGGCCCTGGATCCTGACAACCACT
GCATCCCTACCTACAGGGCTGGGGGACCTGCTCGGTACTGGCCTCCTGGCACTCTGCTTTTCACTGA
CTGGCTACTGAAGAGCAAGGCAGAGCTGGGTGGCATCTCAGAAGTGGCATCTGGACCTCCCTAA

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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_017836 unedited TCAGCATTTTGTAAATACGACTACTATTAGGGCGGCCGATTTCGGCACGAGGTGGGAGG GGACCCGGGCTGCCAGGCCGCCAGCTGTGCCAGATGGATGGGACAGAGACCCGGCAGCG GAGGCTGGACAGCTGTGGCAAGCCAGGGGAGCTGGGGCTTCTCACCCCTCAGCACAGG AGGACTCCCTGTAGCCTCAGAAGATGGAGCTCTCAGGGCCCTGAGAGCCAAAGCGTGAC CCCCAGCCACTGGAGACTGAGCCTAGCAGGGAGACCCCTGGTCCATAGGCCTTCAGGT GACCGTCCCTTCATGTTTGCAGGCCTGGGACTGTCTGGGCCGGCATGCTTCTGGACTA TTTCCAGCACTGGCCTGTGTTTGTGGAGGTGAAAGACCTTTTGACATTGGTGCCGCCCT GGTGGGCCTGAAGGGAACTGGAGATGACACTGGCATCCAGACTCTCCACAGCTGCCAA CACTGGACAAATTGATGACCCCAAGGAGCAGCACAGATCATCAGCAGCAACCTGGCCCT CATCCAGGTGCAGGCCACTGTCTGGGGCTCTTGGCTGCTGTGGCTGCGTGCTGTTGGG CGTGGTGTCTCGAGAGGAAGTGGATGTCGCCAAGGTGGAGTTGCTGTGTGCCAGCAGTGT CCTCACTGCCTTCTTGCAGCCTTTCCTGNGTGAGCCATGCCCCAGCTGTGAGCCCC ACCCGCTCCCTGCTCCCTCTGAGTCCCACCTCAGAGCTCATTGTGTTTTTCAGTTTCTGGG GGGTGTGAGTCCCACTGTAATGGGACTGATGGTGGGCTCAGGGNTCTCACTGGCANGGT GGGACGAGCCAGCTGGGGTCTCATGGCCACCTTGTGCCCTCACCCAGCAGGGGTGTGTG CCGCTCCTGCCCACTCGCTCTGTCTGCTGGTAAAGACTGTCTGCTCTGAGTCTCT TCACTGTCCACTCCGTGC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_017836 unedited TCTTTGNCCGGCCGCAATCTAGNAGTCGGTTTTTTTTTTTTTTTTTTTACAATATAATC TGTTTTATTTTACTTCTCTGATTATTGAAATCTAAATAGAGGTTTTTGCTAACAAAAA GGAAAATAAAAAGACAGCAAGGACACGATTAATGTTGAGTGCAGATGAAGGGTTGTATG AGGCCCATCCTGGGAGGCTGTACACCTTCTTGGCACAGCAGCAGTGTGGCCACGGAG CTGAACCTGGTGAAGACAGCAAGTAAGCCACAGCTCAAGAGTTCTGAGGCTTGGGAACA GAAAAGAGCTCCTTCTGCTCCACCCCAATCTGGGTTGCATGGGCATGGAAAAGAGCAAA CACACCTGCAAAGCATACTGGACATGCCTCTTCTTAGCTTCTCAGGCCAGAACACCT CCTCTCCACAAACGTGTGCACACTTGCACGCTCATTAAGCATGTGCACACATCATATTCA CACTCAAGCCATGCTCTTGATTTTCAGGGCTCTATTGCAGGCTCAGGTATCAACCCAG AGCCGAGGTGTGTGAGAGCTACCTTAGCAGACTCACAAAAGGCTACTGCAGAGGCAGGGG TCAACCTCCCAAGGACCTGNCAAGGGAGAACTGAATTCGTATCCCACTGATGTGAGA GGAAATTCATAATGAGCAAATGGGACCAAGCGGNGCCAGTTAGGGAGGTCCAGATGCCAGT TCTGAGATGCCACCCAGCTCTGCCTTGCTCTTCACTAGCCAGTCAAGTGAAGGAGCAGAGT GCCAGGAAGCCAGTACCGAGCCAGTCCCCAGCCCTTGAAGGTANGGGATGCANTGGTTG TCAAGATCCAAGGCTGNTGCCAGTCAGNCCGAACATCACTTCTGNCAAGTACAAGCAGA TTGGCACCTGNATCAGGCCTGCCACAAGTAAAACCACCCAAAAGGCTGGC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_017836
Insert Size:	5550 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).
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_017836.3](#), [NP_060306.3](#)

RefSeq Size: 2349 bp

RefSeq ORF: 1464 bp

Locus ID: 54946

Cytogenetics: 3q21.2-q21.3

Domains: MgtE

Protein Families: Transmembrane