

Product datasheet for **SC211063**

SLC38A3 (NM_006841) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC38A3 (NM_006841) Human 3' UTR Clone
Symbol:	SLC38A3
Synonyms:	G17; NAT1; SN1; SNAT3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006841
Insert Size:	1339 bp



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Insert Sequence:	>SC211063 3'UTR clone of NM_006841 The sequence shown below is from the reference sequence of NM_006841. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GGGACCAGCCGGCATGGAGGAAACCACAGGGTGACCCTCATCTGTCTACTCACCCTAGCAGC CCTGCCCAGACTTTCAGCCCCTGCTCCCATCCAGTGGCCAGTCGGGGAGGAGAAAGACGCGATTAAC ACTGTGGCATTACGCCAGGCCCATGTCTCTGTGGAAGGTTTTTTGTTCAAGAGCCAGGACCAAGGC CCTTGGGCCACTACCCTGCTAGGCTCTGGAGCTGTAGAGGCTTCTGAAGTGGGAGCAGGGTAGGGCTG TCGCTTAGATCCCGCCCAAGCCCCTATTCCCTCCTTGACAGATGCATACACTGGGGCCAGCAGCT GCCTCCTGAGGTGACACAGCCTGTAGGAACATACAGCTGGGATCAGCCTGCAGCCATCCCCGACCC TGCTGCTAGGCCACGGTCTGCGCCCTGGGGCCTCATCTCCCCAGCCCACTTGTTTTCCCCCTTTTAT TCCCTAGGCCCTTTTCAGACTCCTGGGCCCTTGATACTCTTCTCCCATCTCCCTTCACAGGATGACAC CCTCCCATACCCATAGCTGGGGCCAGCAGGTTCTGCTGAGGGTGGGGCTGGTGTAGGGACCCCCAAGA GACCCCTGTCCTGTCCCTTCACCACTCCTGGGGAGGCTGGGACTCCCCCTGCCACAAGCCTGGGGCACA GCTCACATTCCACTGCTGGGAGAAGAAACAGGCCGAGGCCAGAGTGGCTGCCCCGGGAGCCAAAGA CCCCAGTGGCCACACTGGGATAGGGTGGGGAGGCTGGCAGCCCTCTTTTATAAATATTATACATAAGAC CAGCTGTGTTTTCTATTCTTGGTCTCCATGGTCCCTGGATTCTGGAAAGTGAGGTACGGGCCAGAAACA TGGATGGTGATGGAGGGCCCCGCTCCTTGTCTGGGATGAGGGTGGGGACAGGGCAAGTCCCCACCC ACCCACCCCTGCCTCCCAAATAACCACTGACACTCAGACCCAGCTCTGGGCTGGGCCAGGCTC AGCACAGACCTGCTTTCTACGGGTTGAGGTGGGGAGGAATTAATGAGGCCCAAGGAAGTGGGACAGAG AGAGGCCCTCCGGAAGGAGGCAACGTGAGGTGCATCCCCAGCAGCTTCAGGGAGGGTCTGAGCTGGGGGC AGCTGAGCCCTGAGGGAGCCCCAGGAAGGGCCCCCTGCCCTCCCTAGCTCCCAGGCTGCCATGTCAAC TCTCTGCAATGCCCTGAGTCTGGGGACAAAAGTCCAGGAATCCTGTGCCCTGTTGGGCTGATCTTTTT ATCAACAGTAAATCCACTACGAATAAA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_006841.6</u>
Summary:	Sodium-dependent amino acid/proton antiporter. Mediates electrogenic cotransport of glutamine and sodium ions in exchange for protons. Also recognizes histidine, asparagine and alanine. May mediate amino acid transport in either direction under physiological conditions. May play a role in nitrogen metabolism and synaptic transmission. [UniProtKB/Swiss-Prot Function]
Locus ID:	10991
MW:	47.9