

Product datasheet for **SC122497**

SLC19A1 (BC003068) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC19A1 (BC003068) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC19A1
Synonyms:	CHMD; FOLT; IFC1; reduced folate carrier; REFC; RFC1; solute carrier family 19 (folate transporter), member 1; solute carrier family 19 member 1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC003068 edited
 GCGGGGCCGGTCCGGGAGCCCCAGGGCAGCCGCCCGCCGAGTCGCAGGCACAGTGTCA
 CCTTCGTCCCCTCCGGAGCTGCACGTGGCCTGAGCAGGATGGTGCCTCCAGCCAGCGG
 TGGAGAAGCAGGTGCCGTGGAACCTGGGCTGACCCCGAGTCCGGTCTGGCGGCGCC
 TCGTGTGTACCTTTGCTTCTACGGTTCATGGCGCAGATACGGCCAGGGGAGAGCTTCA
 TCACCCCTACCTCCTGGGGCCCCACAAGAACTCACGCGGGAGCAGGTACGAAACGAGA
 TCACGCCGGTGTGTCTACTCTACCTACCTGGCCGTGTGGTGCCTGTTCTCTGCTCACC
 ACTACCTGCGCTACACGCCGGTGTCTGCTGCAGGGGCTCAGCTTCGTGTCGGTGTGGC
 TGCTGCTGCTGCTGGCCACTCGGTGGCGCACATGCAGCTCATGGAGCTTCTACAGCG
 TCACCATGGCCGCGCATCGCCTATTCTCTACATCTTCTCTCTGTCGGCCCGCGC
 GCTACCAGCGTGTGGCCGGTACTCGCGCGCTGCGGTGCTGCTGGGCGTGTTCACCAGCT
 CCGTGTGGCCAGCTGCTGGTCACTGTGGCCGAGTCTCCTTCTCCACGCTCAACTACA
 TCTCGTGGCCTTCTCACCTTCAGCGTGGTCTCGCCCTTCTCTGAAGCGCCCAAGC
 GCAGCCTTCTTCAACCGCGACGACCGGGGGCGGTGCGAAACCTCGGCTTCGGAGCTGG
 AGCGCATGAATCCCGGCCAGGCGGGAAGCTGGGACACGCCCTGCGGGTGGCCTGTGGGG
 ACTCAGTGTGGCGCGATGCTGCGGGAGCTGGGGGACAGCCTGCGGGCGCCGAGCTGC
 GCCTGTGGTCCCTCTGGTGGGTCTTCAACTCGGCCGGTACTACCTGGTGGTCTACTACG
 TGCACATCTGTGGAACGAGGTGGACCCACCACCAACAGTGCAGCGGTCTACAACGGCG
 CGGCAGATGCTGCCTCCACGCTGCTGGGCGCCATCACGTCCTTCGCCGCGGGCTTCGTGA
 AGATCCGCTGGGCGCGCTGGTCCAAGTGTCTATCGCGGGCGTACGCGCCACGCAGGCGG
 GGCTGGTCTTCTTGGCGCACACGCCACCCGAGCAGCATCTGGTGTGCTATGCGG
 CCTTCGTGCTGTTCCGCGGCTCTACCAGTTCCTCGTGCCCATGCCACCTTTCAGATTG
 CATCTTCTGTCTAAAGAGCTCTGTGCCCTGGTCTTCGGGGTCAACACGTTCTTTGGCA
 CCATCGTCAAGACCATCATCACTTTTATTGTCTCGGACGTGCGGGGCTGGGCCTCCCGG
 TCCGCAAGCAGAATGAAGAACTGCATGTGGCTTCTGTCTCTGTGAAAAGCCATCTCA
 GGTGGCGGCAGACATTGTGCATCAGAGGGGAGCAGCGGCTCTGGTCTCGGAGCTGGT
 TCCTCTCTCCACCCTAAGGGCAGCCCTCCATGGTCTGTCTGTCTTCTGAAGTGTGTC
 CATCTGACCTGCGGGTCTCAGCTGCTCCACACTTGTGCCAGCCGGAGGGGACTGGT
 CCCGGTACCGCGGACGTGCTGGCCTTGGTATGTGCCAGGCTTGCCTGGGCTGGGACGC
 TTGGGGGGGCTGCCTTTGTGGTGGGCGCTGGGGAAGTACGTCCCAGCGGCTCAGGGTCT
 AAGGAGCGCTAGTGCCTTCCCCACAGGTGCGGGACCATCTGATGTGATGTGAATACTCTT
 CCCACATACATTAACACACTTAAGTGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC003068 unedited
 NNNAATCCAGACATTGTAACACTACTATAGCGGCCGCAAATTCGCACGAGGGCG
 GGGCCGGTCCGGAGCCCCAGGCAGCCGCCCGCCGAGTCGCAGGCACAGTGTACCTT
 CGTCCCCCTCCGGAGTGCACGTGGCCTGAGCAGGATGGTGCCTCCAGCCAGCGGTGGA
 GAAGCAGGTGCCGTGGAACCTGGGCTGACCCCGAGTCCGGTCTGGCGGCGCCTCGT
 GTGCTACCTTTGCTTCTACGGTTCATGGCGCAGATACGGCCAGGGGAGAGCTTCATCAC
 CCCCTACCTCCTGGGGCCGACAAGAATTACGCGGGAGCAGGTACGAAACGAGATCAC
 GCCGTGCTGTACTCTACCTGGCCGTGCTGGTGCCTGTTCTCTGCTCACCAGTCA
 CCTGCGCTACACGCCGTGCTGCTGCTGCAGGGGCTCAGCTTCGTGTCGGTGTGGCTGCT
 GCTGCTGCTGGCCACTCGGTGGCGCACATGCAGCTCATGGAGCTTCTACAGCGTTCAC
 CATGGCCGCGCATCGCCTATTCTCTACATCTTCTCTCTGTCGGCCCGCGCGCTA
 CCAGCGTGTGGCCGGTACTCGCGCGTGGGTGCTGCTGGGCGTGTTCACCAGTCCGT
 GCTGGCCAGTGTGGTCACTGTGGCCGAGTCTCCTTCTCCACGCTCAACTACATCTC
 GCTGGCCTTCTCACCTTCAGCGTGGTCTCGCCCTTCTCTGAAGCGCCCAAGCGCAG
 CCTTCTTCAACCGCGACGACCGGGGGCGGTGCGAAACCTCGGCTTCGGAGCTGGAGC
 GCATGAATCCCGGCCAGCGGGGAAGCTGGACACGCCCTGCGGTGGCCTGTGGGGACT
 CANNTGCTGCNCCGATGCTGCGGGAGCTGGGGGACAGCCTGCG

Restriction Sites: Please inquire

ACCN:	BC003068
Insert Size:	1887 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:	<ol style="list-style-type: none">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:	BC003068.2 , AAH03068.1
RefSeq Size:	1878 bp
RefSeq ORF:	1467 bp
Locus ID:	6573
Cytogenetics:	21q22.3
Protein Families:	Stem cell - Pluripotency, Transmembrane
Gene Summary:	The membrane protein encoded by this gene is a transporter of folate and is involved in the regulation of intracellular concentrations of folate. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]