

Product datasheet for SC331639

SLC19A1 (NM_001205206) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC19A1 (NM_001205206) Human Untagged Clone
Tag: Tag Free
Symbol: SLC19A1
Synonyms: CHMD; FOLT; hRFC; hSLC19A1; IFC-1; IFC1; MEGAF; REFC; RFC; RFC1; RFT-1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331639 representing NM_001205206.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGTGCCCTCCAGCCCAGCGGTGGAGAAGCAGGTGCCCGTGGAACTGGGCCTGACCCCGAGCTCCGG
TCCTGGCGGCACCTCGTGTGCTACCTTTGCTTCTACGGCTTCATGGCGCAGATACGGCCAGGGGAGAGC
TTCATCACCCCTACCTCCTGGGCCCCGACAAGAACTTACGCGGGAGCAGGTACGAACGAGATCAGC
CCGGTGTGTCGTACTCTACCTGGCCGTGCTGGTGGCCGTGTTCTGCTCACCAGCTACCTGCGCTAC
ACGCCGGTGTGCTGCTGCAGGGGCTCAGTTCGTGTCGGTGTGGCTGCTGCTGCTGGGCCACTCG
GTGGCGCACATGCAGCTCATGGAGCTTCTTACAGCGTCACCATGGCCGCGCATCGCCTATTCCTCC
TACATCTTCTCTCGTGCGGCCCGCGCTACCAGCGTGTGGCCGGCTACTCGCGCGTGGCGGTGCTG
CTGGCGGTGTTACCAGCTCCGTGCTGGGCCAGCTGCTGGTCACTGTGGGCCGAGTCTCCTTCTCCAGC
CTCAACTACATCTCGCTGGCCTTCTCACCTTCAGCGTGGTCTCGCCCTCTTCTGAAGCGCCCAAG
CGCAGCCTCTTCTTCAACCGCGACGACCGGGGGCGGTGCGAAACCTCGGCTTCGGAGCTGGAGCGCATG
AATCCTGGCCCAGGCGGGAAGCTGGGACACGCCCTGCGGGTGGCTGTGGGACTCAGTGTGGCGCGG
ATGCTGCGGGAGCTGGGGGACAGCCTGCGGGCGCCGAGCTGCGCCTGTGGTCCCTCTGGTGGTCTTC
AACTCGGCCGGTACTACCTGGTGGTCTACTACGTGCACATCCTGTGGAACGAGGTGGACCCACCACC
AACAGTGCAGCGGGTCTACAACGGCGCGGAGATGCTGCCTCCAGCTGCTGGGCGCCATCAGTCCCTTC
GCCGCGGGCTTCGTGAAGATCCGCTGGGCGCGCTGGTCCAAGCTGCTCATCGCGGGCGTACGGCCACG
CAGGCGGGGCTGGTCTTCTCTGGCGCACACGCGCCACCCGAGCAGCATCTGGCTGTGCTATGCGGCC
TTCGTGCTGTTCCGCGGCTCCTACCAGTTCCTCGTGCCCATCGCCACCTTTCAGATTGCATCTTCTCTG
TCTAAAGAGCTCTGTGCCCTGGTCTTCGGGGTCAACACGTTCTTGGCCACCATCGTCAAGACCATCATC
ACTTTCATTGTCTCGGACGTGCGGGGCTGGGCCTCCCGTCCGCAAGCAGAATGAAGAAGTGCATGTG
GCTTCTGTCTGTGGAAAAGCCATCTCAGGTTGGCGGCAGACACATTGTCATCAGAGGGGAGCAGC
GGCTCTGGTCTCGGAGCTGGTTCCTCTCTCCACCCTAAGGGCAGCCCTCCATGGTCTGTCTGCTCT
TCTGAAGTGTGTCATCTGA
  
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001205206
Insert Size: 1470 bp



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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:	<u>NM_001205206.1</u>
RefSeq Size:	1885 bp
RefSeq ORF:	1470 bp
Locus ID:	6573
UniProt ID:	<u>P41440</u>
Cytogenetics:	21q22.3
Protein Families:	Stem cell - Pluripotency, Transmembrane
MW:	54.3 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate splice junction at the 5' end of a coding exon compared to variant 1, that causes a frameshift. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.</p>