

Product datasheet for **SC331640**

SLC19A1 (NM_001205207) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC19A1 (NM_001205207) 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: >SC331640 representing NM_001205207.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAGGCCAGCCTGCAGAGCCAGCTCCTGGTGAAGAGGAAATGAGGCATGCTCCATTTCGGAG
 GTCACGAACGAGATCACGCCGGTGTGCTACTCCTACCTGGCCGTGCTGGTCCCGTGTCTCTGCTC
 ACCGACTACCTGCGCTACACGCCGGTGTGCTGCTGCAGGGGCTCAGCTTCGTGTCGGTGTGGTGTG
 CTGCTGCTGGCCACTCGGTGGCGCACATGCAGCTCATGGAGCTTTCTACAGCGTCACCATGGCCGG
 CGCATCGCTATTCTCTACATCTTCTCTCTCGTGGCCCGCGCTACCAGCGTGTGGCCGGCTAC
 TCGCGCGTGGTGTGCTGCTGGCGGTGTTACCAGCTCCGTGCTGGCCAGCTGTGGTCACTGTGGC
 CGAGTCTCCTTCTCCACGCTCAACTACATCTCGCTGGCCTTCTCACCTCAGCGTGGTCTCGCCCTC
 TTCTGAAGCGCCCAAGCGCAGCTCTTCTTCAACCGCGACGACCGGGGGCGGTGCGAAACCTCGGT
 TCGGAGCTGGAGCGCATGAATCCTGGCCAGCGGGAAGCTGGGACACGCCCTGCGGGTGGCTGTGGG
 GACTCAGTGTGGCGGGATGCTGCGGGAGCTGGGGGACAGCCTGCGGGCCGCGAGTGCCTGTGG
 TCCCTCTGGTGGTCTTCAACTCGGCCGGCTACTACCTGGTGGTCTACTACGTGCACATCTGTGGAAC
 GAGGTGGACCCACCACCAACAGTGCAGCGGTCTACAACGGCGCGGCAGATGCTGCCTCCACGCTGCTG
 GCGCCATCACGTCCTTCGCCGGGGCTTCGTGAAGATCCGCTGGCGCGCTGGTCCAAGTGTCTCATC
 GCGGGCGTACGGCCACGAGCGGGGCTGGTCTTCTTCTGGCGCACAGCGCCACCCAGCAGCATC
 TGGCTGTGCTATGCGGCTTTCGTGCTTCCGCGGCTCCTACCAGTTCCTCGTGCCCATCGCCACCTTT
 CAGATTGCATCTTCTCTGCTAAAGAGCTCTGTGCCCTGGTCTTCGGGGTCAACAGTCTTTGGCACC
 ATCGTCAAGACCATCATCACTTTATTGTCTCGGACGTGCGGGGCTGGGCTCCCGGTCCGCAAGCAG
 TTCCAGTTATACTCCGTGTACTTCTGATCCTGTCCATCATCTACTTCTGGGGCCATGCTGGATGGC
 CTGCGGCACTGCCAGCGGGGCCACCACCCGCGGACGCCCCGCGCCAGGGCTGAGGAGTCCCGGGAG
 GAGAAGGCAGCACAGGCACTGAGCGTGCAGGACAAGGGCCTCGGAGGCTGCAGCCAGCCAGAGCCCG
 CCGTTTTCCCAAGACAGCCTGGGGGTGTGGGGCAGCCTCCTGGAGCAGAGACAGAGCGACCCA
 TACCTGGCCAGGCCCGGCCCGCAGGACGTAATTCTGAGCCAGTGACAACCCCTTCCCTGCTGC
 ACTCTGTGCTCCGCCAAGCCTCAGGCCCTGAGGCTGCAGATGAGACTTGTCCCAAGTGGCTGTCCAT
 CCTCTGGTGTGACGAAGCTGGGTTGAGTGTCTTCAAGCGACGGTGTTCAGAATGTGAACAGTGA

Restriction Sites: Sgfl-MluI
ACCN: NM_001205207



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Insert Size:	1656 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:	<u>NM_001205207.1</u>
RefSeq Size:	2622 bp
RefSeq ORF:	1656 bp
Locus ID:	6573
UniProt ID:	<u>P41440</u>
Cytogenetics:	21q22.3
Protein Families:	Stem cell - Pluripotency, Transmembrane
MW:	60 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 (3) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus compared to isoform 1.</p>