

Product datasheet for **SC126435**

SLC47A1 (NM_018242) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC47A1 (NM_018242) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC47A1
Synonyms:	MATE1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC126435 representing NM_018242.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGCTCCTGAGGAGCCCGCCAGTGCAGGAGGCCCGGAGGCCACCTTGAGGTCCGTGGGTCG
CGCTGCTTGGCGCTGTCCGCTTCCGAGAAGAGCTGCGGGCGCTCTTGGTCTGGCTGGCCCCGCTTC
TTGGTTCACTGATGGTGTTCCTGATCAGCTTCATAAGCTCCGTGTTCTGTGGCCACCTGGGCAAGCTG
GAGCTGGATGCAGTCACGCTGGCAATCGCGTTATCAATGTCACTGGTGTCTCAGTGGGATTTCGGTTA
TCTTCTGCCTGTGACACCCTCATCTCCAGACGTACGGGAGCCAGAACCTGAAGCACGTGGGCGTGATC
CTGCAGCGGAGTGCCTCGTCTGCTCTCTGCTGCTTCCCTGCTGGGCGCTCTTCTCAACACCCAG
CACATCTGCTGCTCTTCAGGCAGGACCCAGATGTGTCCAGGCTTACCCAGACCTATGTCAGCATCTTC
ATTCCAGCTCTTCTGCAACCTTTCTTTATATGTTACAAGTTAAATATTTGCTCAACCAGGAATTGTA
CTGCCCCAGATCGTAACCTGGAGTTGCAGCAACCTTGCAATGCCCTCGCAACTATCTGTTTCTCCAT
CAACTGCATCTTGGGGTATAGGCTCTGCACTGGCAAACCTTGATTCCCAGTACACCCTGGCTCTACTC
CTCTTTCTCTACATCCTCGGGAAAAAAGTGCATCAAGCTACATGGGGAGGCTGGTCCCTCGAGTGCCTG
CAGGACTGGGCTCCTTCTCCGCTGGCCATCCCCAGCATGCTCATGCTGTGCATGGAGTGGTGGGCC
TATGAGGTGCGGAGCTTCTCAGTGGCATCCTCGGCATGGTGGAGCTGGGCGCTCAGTCCATCGTGAT
GAAGTGGCCATCATTGTGTACATGGTCCCTGCAGGCTTCAAGTGTGGTGGCAGTGTCCGGGTAGGAAAC
GCTCTGGTGCTGGAGACATGGAGCAGGCACGGAAGTCTCTACCGTTTCCCTGCTGATTACAGTGCTC
TTTGCTGTAGCCTTCAGTGTCTGCTGTTAAGCTGTAAGGATCACGTGGGTACATTTTACTACCGAC
CGAGACATCATTAACTGGTGGCTCAGGTGGTTCCAATTTATGCTGTTTCCACCTCTTTGAAGCTCTT
GCTTGCACGAGTGGTGGTGTCTGAGGGGAGTGGAAATCAGAAGTTGGAGCCATTGTGAATACCAT
GGTACTATGTGTTGGCTCCCATCGGATCGCGCTGATGTTTGCAACCACACTTGGAGTGTGGGT
CTGTGGTCAGGGATCATCATCTGTACAGTCTTTCAAGCTGTGTTTTCTAGGCTTTATTATTCAGCTA
AATTGAAAAAAGCCTGTGAGCAGGCTCAGGTACACGCCAATTTGAAAGTAAACAACGTGCCTCGGAGT
GGGAATTCTGCTCTCCCTCAGGATCCGCTTACCCAGGGTGCCCTGAAAACCTTGAAGGAATTTTAAACG
AACGATGTTGAAAGACAGGCGAGCCTCAGTCAGATCAGCAGATGCGCCAAGAAGAACCTTTGCCGGA
CATCCACAGGACGGCGCTAAATGTCCAGGAAACAGCTGGTGTGCGGCGAGGGCTTCTGCTCTGGGG
GTCTTCTTAATCTTGCTGGTGGGATTTTAGTGAGATTCTATGTCAGAATTCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: Sgfl-MluI

ACCN: NM_018242

Insert Size: 1713 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_018242.2](#)

RefSeq Size: 3279 bp

RefSeq ORF: 1713 bp

Locus ID: 55244

UniProt ID: [Q96FL8](#)

Cytogenetics: 17p11.2

Protein Families: Transmembrane

MW: 61.9 kDa

Gene Summary: This gene is located within the Smith-Magenis syndrome region on chromosome 17. It encodes a protein of unknown function. [provided by RefSeq, Jul 2008]