

Product datasheet for **SC127048**

SLC22A15 (NM_018420) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC22A15 (NM_018420) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC22A15
Synonyms:	FLIPT1; PRO34686
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC127048 sequence for NM_018420 edited (data generated by NextGen Sequencing)

```
ATGGAGGTGGAGGAGGCGTTCCAGGCGGTGGGGGAGATGGGCATCTACCAGATGTAATTG
TGCTTCTGCTGGCCGTGCTGCTGCAGCTCTACGTGGCCACGGAGGCCATCCTCATTGCA
CTGGTTGGGGCCACGCCATCCTACCACTGGGACCTGGCAGAGCTCCTGCCAAATCAGAGC
CACGGTAACCACTCAGCTGGTGAAGACCAGGCCTTTGGGACTGGCTCCTGACAGCCAAC
GGCAGTGAGATCCATAAGCACGTGCATTTACGACGAGCTTCACCTCTATCGCCTCGGAG
TGGTTTTTAATTGCCAACAGATCCTACAAAGTCAGTGCAGCAAGCTCTTTTTTCTTCAGT
GGTGATTTGTTGGAGTTATCTCTTTTGGTCAGCTTTCAGATCGCTTCGGAAGGAAAAAA
GTCTATCTCACAGGTTTTGCTCTTGACATCTTATTTGCAATTGCAATGGATTTTCCCCC
TCATATGAGTTCTTTGCAGTAACCTGCTTCCTGGTGGGCATGATGAATGGAGGGATGTCG
CTGGTGGCCTTTGTCTTGCTTAATGAATGTGTGGGCACCGCCTACTGGGCACTTGACAGGA
TCGATTGGCGGCCTCTTCTTGCAGTTGGCATTGCCCAATATGCCCTGTTAGGATACTTC
ATCCGCTCCTGGAGGACCCTAGCCATTCTGGTTAACCTGCAGGGAACGGTGGTCTTTCTC
TTATCTTTATTCTTGAATCACCTCGTTGGTTATACTCCAGGGTCGACTGAGTGAG
GCTGAAGAGGCGCTGTACCTCATTGCCAAGAGGAACCGCAAACTCAAGTCACGTTCTCA
CTAACACACCCAGCCAACAGGAGCTGCAGGGAGACTGGAAGTTTCTGGATCTCTTTCTG
TACCGGGTCTGTTAGGACACACTTTGATCCTGATGTTTCATCTGGTTTGTGTGCAGCTTG
GTGATTTATGGCCTAACTCTGAGTGCAGGTGATCTAGGTGGAAGTATTTATGCCAAGCTG
GCCCTGTCTGGCCTCATAGAGATTCCATCTTACCTCTCTGTATCTACTTGATTAACCAA
AAATGGTTTGGTGGGAAGCAACATTATCAGCATTCTGTGCCTAGGAGGACTGGCTTGT
CTTATTGTAATGTTTCTTCCAGAAAAGAACACAGGTGTGTTTGCAGTGGTGAACAGC
CATTCTTGTCTTGTGGGGAAGCTGACCATCAGTGTGCTGCTTTAACATTGTTTATATC
TACACCTCTGAGCTTTACCTACAGTCATCAGGAATGTTGGGCTTGGAACTTGTTCATG
TTCTCCCGAGTTGGTGGGATTATTGCTCCCTTCATCCCTCACTGAAATATGTGAATGG
TCTTTACCATTCTTGTCTTCGGAGCCACGGGTCTGACCTCCGGCCTCCTGAGTTTGTTA
TTGCCGGAGACCCTTAACAGTCCGCTGCTAGAAACATTCTCCGACCTTCAGGTGTATTG
TATCGCAGGCTGGGAGAAGAAGCATTATCTTTACAGGCTTTGGACCCCAACAGTGTGTG
GACAAGGAGAGCTCTTTAGGGAGTGAGAGTGAGGAAGAGGAAGAATTTTATGATGCAGAT
GAAGAGACTCAGATGATCAAGTGA
```

Clone variation with respect to NM_018420.2
288 c=>t;615 g=>c

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018420 unedited

```
CCCGCCCCCGCCGCGCTTCCATCCCCGCCCGCGGGTCCAAGCCGGTGCCGGGCG
CCAGGGGTTGCCGCGCTGGGCGGGAGGGCAGCGCTGACAGGGCGGTGGGGTGCGGGG
TTCCTGCGCGCGCCCGCATGGAGGTGGAGGAGGCGTTCCAGGCGGTGGGGGAGATGGG
CATCTACCAGATGTAATTGTGCTTCTGCTGGCCGTGCTGCTGCAGCTCTACGTGGCCAC
GGAGGCCATCCTATTGCACTGGTTGGGGCCACGCCTTCTACCACTGGGACCTGGCAGA
GCTCCTGCCAAATCAGAGCCACGGTAACCACTCAGCTGGTGAAGACCAGGCCTTTGGGGA
CTGGCTCCTGACAGCCACGGCAGTGAGACTCATAAGCACGTGCATTTACGACGAGCTTC
ACCTCTATCGCCTCGGAGTGGTTTTTTTATTCGGAACAGATCCTACCAAGTCAGTGCAGC
AAGCTCTTTTTTCTTTAGTGGTGTATTTGTTGGAGTTATCTTTTTTGGCCACCTTTTCA
TCGCTTTTGAAGGAAAAAAGTCTTTTTTCAAGGTTTGTCTTGCATCTTATTTGCAAT
TGCAAAAGGAATTTCCCCCTCATTTGAGTTTTTTGCAGTAACCTTTCTGGTGGCC
TTGATGAATGAGAGGATTGCCCTTGGGGCCCTTTGTCTTGTGAATGAATGGTGGGGC
ACCCGCTTCTGGGCCACTTGAAGTACTATTGCCCGCCCTTTTTTGAATTGGCTTTGCC
ATATGCCCTGTAGGTATCTTTTCCGCTCT
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018420 unedited <pre> GGCACTGGAGGNAGGGGCTCACAGGGCATGCCACCCGGGATCTGTTTCAGGAAACAGCTAT GACCGCGGCCGCAATCTATAGTCGAGTTTTTTTTTTTTTTTTTTTATGTTTTATGATTCT TTATTACATTCACAAGAAGCCAAAATATCTGCCTTTATTTAGCTTAAAAATGTAATCAT TTATAGATTTTTTTCCAATTTAAGAACCAATGATAAAGCATTTGTATGGAGAAGTCCTAA TGTGAAGCTGGTTTTTAATTCTGATACAGTAGTGACAATTATTTCAATATGTATTTGTTA TGAATATAAATCACCTACTAAAAGTATCTTCATCAATTTGCCACCATAAAAAATATCTGT CTGATTTATGGTTACCTAAACAGTGTCTCAGAACTCATTTTCTTCATTTATTTGCCTCA TTTTGTTATTTGCTCATTTTTAAATACTAAAGAATATCTGCATTGCTTGAAAGTAGCCA AATAACATGTATTGGTTTTACTGGGCTGTGGTTGTAACACAAAAATCAGAAAATTTCCA CATGGGTTCTTTCAAAGTTTGGTGAGTGGAAATATTTGGGACAAGCTGCCTATGGGAA CTTTCCCCCGGAAACCCGGGGGTTCCAAAAACCTAATTTTTTTTCTGGGGTATT TAAGAAAAAAATTTTTAATTTTGAAAAAATAAAAACGGGTCTTTTTAAACCCCTC CCCCACCAAAAATCTTTCCCGGGGAGGAGAAATTTCCCATTTTTTAGACGGGCGGAA TACCCCTTCCCTCTCCTCCAATAAAAGTTTTTCCCAATTTTTTAAAGGAGAAATT TTTGTTGTTTTAGGGGCGGGGAGAAAAAAAATTTTTTTTTTGTGTGCGGCGCGAA AAATAAGAG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018420
Insert Size:	4700 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:	<u>NM_018420.1</u> , <u>NP_060890.1</u>
RefSeq Size:	4121 bp
RefSeq ORF:	1608 bp
Locus ID:	55356
UniProt ID:	<u>Q8IZD6</u>
Cytogenetics:	1p13.1
Domains:	sugar_tr
Protein Families:	Transmembrane

Gene Summary:

Organic ion transporters, such as SLC22A15, transport various medically and physiologically important compounds, including pharmaceuticals, toxins, hormones, neurotransmitters, and cellular metabolites. These transporters are also referred to as amphiphilic solute facilitators (ASFs).[supplied by OMIM, Apr 2004]