

## Product datasheet for **SC210890**

### SLC46A3 (NM\_001135919) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones

**Symbol:** SLC46A3

**Synonyms:** FKSG16

**Mammalian Cell** Neomycin

**Selection:**

**Vector:** pMirTarget (PSI00062)

**ACCN:** NM\_001135919

**Insert Size:** 897 bp

**Insert Sequence:** >SC210890 3'UTR clone of NM\_001135919  
The sequence shown below is from the reference sequence of NM\_001135919. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AGTGAAGATGCTTCAGACAGAGCCTGTTAAGCTGCTATTGATAGTCGGAGCTTATATACTGTGACTTCT
GAAGACTATACATGAATCCACAATCAGTGCTTTGTTGATACAAAATCCTTAAAGGGAGGCACCTTAA
AGAATATGTATTTTCACTTTTCTTAATATGTTTCATCGGTGACAGGCATGATAATATTTCTATATGTA
ATGGGTAATTGGGAAAAAATAGATGATAAAATAAATTGCTCTAAAGAAGTTAAAAAACTGAATGAACAG
CTAATACTGGTATAAAGTAACATAATGTTTGGAGCCAACATTTGTTCTTGTGTCAGCAAAAGGATATTC
ACATTCATGATCCCTGGCTGAGAATTCTGCCTCTAGTCTTTCTTACCCAGCTGTTGTCTATCCTTGTT
CAATTATAAATACTGCTAAGGGCATTTTTAAAAACGATCTTGACTCCTTAAATTTGAATCCGTC AAC
ACGGTCACTCATAGGAAAATGATCAAACAAGCAAGCCAGTCATGATTGACTCCTTCCCATCTCATTTC
TTACTGCCTTACGCTCATCCTGAGGTCCACCTTGGTCTCTAAAAACACCATGTGTTCTCATGCCCTCAT
GTCTTTTCACACACTGTTCCATTGCTCTTCTCCACATTACATTGAACTTTCAAGCCTCAGTCGAA
ACATTGCTTCTTCTGGATAGCAGCCTTCTTGACATCCCTCCTCACTCCCAGTCCCTACAGGGCTTCCA
TAGCTCTTTGTGTGCACTTCGATCCAGCATTTTCCATCGACTTGTAATTGTTTCTGCTACCTGACAAT
CATCGCCTTGAGTACTGGGACAACCTTTGATTACTCATTATATCCTCAATAAATATTTGTTGAACTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b> | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).                                                                                                                                                                 |
| <b>Components:</b>     | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.                                                                                                                                                                                                                                                             |
| <b>Note:</b>           | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq:</b>         | <u><a href="#">NM_001135919.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Summary:</b>        | The protein encoded by this gene is a member of a transmembrane protein family that transports small molecules across membranes. The encoded protein has been found in lysosomal membranes, where it can transport catabolites from the lysosomes to the cytoplasm. This protein has been shown to be an effective transporter of the cytotoxic drug maytansine, which is used in antibody-based targeting of cancer cells. [provided by RefSeq, Dec 2016] |
| <b>Locus ID:</b>       | 283537                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>             | 34.2                                                                                                                                                                                                                                                                                                                                                                                                                                                       |