

## Product datasheet for **SC200172**

### Solute carrier family 22 member 18 (SLC22A18) (NM\_002555) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Solute carrier family 22 member 18 (SLC22A18) (NM_002555) Human 3' UTR Clone
Symbol:	Solute carrier family 22 member 18
Synonyms:	BWR1A; BWSCR1A; HET; IMPT1; ITM; ORCTL2; p45-BWR1A; SLC22A1L; TSSC5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002555
Insert Size:	79 bp
Insert Sequence:	<p>&gt;SC200172 3'UTR clone of NM_002555</p> <p>The sequence shown below is from the reference sequence of NM_002555. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ATGCCCCAGAGGAAGGACAAAGTCCGGTACCCTGCCAGACAGACTGGCAATAAACTCCTACTAA
ATCCCTCCGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites:	SgfI-MluI
OTI Disclaimer:	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).
Components:	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.
RefSeq:	<u><a href="#">NM_002555.6</a></u>


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**Summary:**

This gene is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene is imprinted, with preferential expression from the maternal allele. Mutations in this gene have been found in Wilms' tumor and lung cancer. This protein may act as a transporter of organic cations, and have a role in the transport of chloroquine and quinidine-related compounds in kidney. Several alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Oct 2015]

**Locus ID:**

5002

**MW:**

3.1