

Product datasheet for **SC200942**

SLC7A9 (NM_014270) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SLC7A9
Synonyms:	BATI; CSNU3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_014270
Insert Size:	139 bp
Insert Sequence:	>SC200942 3'UTR clone of NM_014270 The sequence shown below is from the reference sequence of NM_014270. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GTGGTCCCACCGGAGGAAGACCCTGAGTACAAGCTCCGTCTCTTGTAGCCAAGTCAGCTGAATTTATT TTCTTAAGCAATATTTGTGTTATTTCTTCCTTTTTTCTTACGAATAAAATATACTCAGATGTTTAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.



RefSeq: NM_014270.5

Summary: This gene encodes a protein that belongs to a family of light subunits of amino acid transporters. This protein plays a role in the high-affinity and sodium-independent transport of cystine and neutral and dibasic amino acids, and appears to function in the reabsorption of cystine in the kidney tubule. Mutations in this gene cause non-type I cystinuria, a disease that leads to cystine stones in the urinary system due to impaired transport of cystine and dibasic amino acids. Alternate transcript variants, which encode the same protein, have been found for this gene. [provided by RefSeq, Jul 2011]

Locus ID: 11136

MW: 5.4