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Product datasheet for SC200941

SLC7A9 (NM_001126335) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC7A9 (NM_001126335) Human 3' UTR Clone
Symbol:	SLC7A9
Synonyms:	BAT1; CSNU3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001126335
Insert Size:	139 bp
Insert Sequence:	>SC200941 3'UTR clone of NM_001126335 The sequence shown below is from the reference sequence of NM_001126335. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGGTCCCACCGGAGGAAGACCCTGAGTAACAAGCTCCGTCTCTTGTAGCCAAGTCAGCTGAATTTATT TTCTTAAGCAATATTTGTGGTTATTTCTTCCTTTTTTTCTTACGAATAAAATATACTCAGATGTTTAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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:	NM_001126335.2

View online »

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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

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