

Product datasheet for **SC205494**

SLC7A7 (NM_003982) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SLC7A7
Synonyms:	LAT3; LPI; MOP-2; y+LAT-1; Y+LAT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_003982
Insert Size:	418 bp
Insert Sequence:	<p>>SC205494 3'UTR clone of NM_003982</p> <p>The sequence shown below is from the reference sequence of NM_003982. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCAAGCAACGGGATCCCAATCTAACTAAACACCATCTGGAATCCTGATGTGGAAAGCAGGGGTTTCT GGTCTACTGGCTAGAGCTAAGGAAGTTGAAAAGGAAAGCTCACTTCTTTGGAGGCACCTGTCCAGAAGC CTGGCCTAGGCAGCTTCAACCTTTGAACCTACTTTTTGAAATGAAAAGTAATTTATTTGTTTGTCTACA TACTGTTCAGACTTTTAAAGGGGACAATGAAGGTGACTGTGGGGAGGAGCATGTCAGGTTTGGGCTTG GTTGTTTTAGAAGCACCTGGGTGTGCCTACCTACTCCTTTTCTTTTAAAGGGCCACAATGCTCCA ATTTCTGTCTCCTTTAGAGAGACATGAACTATCACAGGTGCTGGATGACAATAAAGTTTATGTTCC TAAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </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:	<u>NM_003982.4</u>
Summary:	The protein encoded by this gene is the light subunit of a cationic amino acid transporter. This sodium-independent transporter is formed when the light subunit encoded by this gene dimerizes with the heavy subunit transporter protein SLC3A2. This transporter is found in epithelial cell membranes where it transfers cationic and large neutral amino acids from the cell to the extracellular space. Defects in this gene are a cause of lysinuric protein intolerance (LPI). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2011]
Locus ID:	9056
MW:	15.2