

Product datasheet for **SC207646**

SLC37A4 (NM_001164277) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SLC37A4
Synonyms:	G6PT1; G6PT2; G6PT3; GSD1b; GSD1c; GSD1d; PRO0685; TRG-19; TRG19
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001164277
Insert Size:	828 bp
Insert Sequence:	>SC207646 3'UTR clone of NM_001164277 The sequence shown below is from the reference sequence of NM_001164277. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC ATGGGCGGAGTGTCCAAGAAGGCTGAGTGAAGAGAGTCCAGGTTCCGGAGCACCATCCACGGTGGCCT TCCCCCTGCACGCTCTGCGGGGAGAAAAGGAGGGGCTGCCTGGCTAGCCCTGAACCTTTCACCTTCCA TTTCTGCGCCTTTTCTGTACCCGGGTGGCGCTGGAAGTTATCAGTGGCTAGTGAGGTCCCAGCTCCCT GATCCTATGCTCTATTTAAAAGATAACCTTTGGCCTTAGACTCCGTTAGCTCCTATTTCTGCTTCAG ACAAACAGGAACTTCTGAGTCAGGAAGGCTCCTGTACCCTTCTTCTTTCTAGGCCCTGTCCTGCC CGCATCCTACCCCATCCACCTGAAGTGAGGCTATCCCTGCAGCTGCAGGGCACTAATGACCTTGAC TTCTGTGGGTCTAAGTCTCTCAGCAGTGGGTGACTGCTGTTGCCAATACCTCAGACTCCAGGGAAA GAGAGGAGGCCATCATTCTACTGTACCACTAGGCGCAGTTGGATATAGGTGGGAGAAAAGGTGACTT GTTATAGAAGATTAAGTCTCTGACTGTAACACTGTGAGTATTTTCAAAGTGAGACAG CTTCCTTGGGAAATATTGTCAATACCTGCTCTTCCACCCCAAAATGGAAGACTTCATTTCCCTGGAA TGGGGAAGCTGAAGTGTAGATGGACTCCTTTAAACTCATGCCTCCTGCTTACCTGAACATTGAA TAGTTCAATGATTATTTTAGAGATAAAGCTATTGGGTTGTGGACAGATTAAATAACTTGATGGAGGAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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_001164277.2</u>
Summary:	This gene regulates glucose-6-phosphate transport from the cytoplasm to the lumen of the endoplasmic reticulum, in order to maintain glucose homeostasis. It also plays a role in ATP-mediated calcium sequestration in the lumen of the endoplasmic reticulum. Mutations in this gene have been associated with various forms of glycogen storage disease. Alternative splicing in this gene results in multiple transcript variants.[provided by RefSeq, Aug 2009]
Locus ID:	2542
MW:	31.7