

## Product datasheet for **SC216504**

### SLC25A25 (NM\_001006643) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SLC25A25 (NM_001006643) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC25A25
Synonyms:	KIAA1896; MCSC; MGC105138; MGC119514; MGC119515; MGC119516; MGC119517; PCSC1; RP11-395P17.4
ACCN:	NM_001006643
Insert Size:	1831 bp



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**Insert Sequence:** >SC216504 3'UTR clone of NM\_001006643  
 The sequence shown below is from the reference sequence of NM\_001006643. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGATCACCCCTGGGCGTGCAGTCGCGGTGACGGGGGGAGGGCCGCCCGGCGAGTGGACTCGTGATCCTG
GGCCGAGCCTGGGGTGTGCAGCCATCTATTCTGTGAATGTGCCAACACTAAGCTGTCTCGAGCCAAG
CTGTGAAAACCCCTAGACGCACCCGACGGGAGGGTGGGAGAGCTGGCAGGCCAGGGCTTGTCTGCTG
ACCCAGCAGACCCTCCTGTTGGTTCAGCGAAGACCACAGGCATTCTTAGGGTCCAGGGTCCAGCAGG
CTCCGGGCTCACATGTGTAAGGACAGGACATTTCTGCAGTGCCTGCCAATAGCGAGCTTGGAGCCTGG
AGGCCGGCTTAGTTCTTCCATTTACCCTTGCAGCCAGCTGTTGGCCACGGCCCTGCCCTCTGGTCTG
CCGTGCATCTCCCTGTGCCCTCTTGTCTGCCTGCCTGTCTGCTGAGTAAGGTGGGAGGAGGGCTACAGC
CCACATCCACCCCTCGTCCAATCCATAATCCATGATGAAAGGTGAGGTACGTGGCCTCCAGGCC
TGACTTCCAACCTACAGCATTGACGCCAACTGGCTGTGAAAGGAAGAGGAAAGGATCTGGCCTTGTGG
TCACTGGCATCTGAGCCCTGCTGATGGCTGGGGCTCTCGGCATGCTTGGGAGTGACAGGGGGCTCGGGC
TGCTGGCCTGGCTGCACAGAAGGCAAGTCTGGGGCTCATGGTGTCTGAGCTGGCCTGGACCCTGTC
AGGATGGGCCCCACCTCAGAACCAACTCACTGTCCCACTGTGGCATGAGGGCAGTGGAGCACCATGT
TTGAGGGCGAAGGGCAGAGCGTTTGTGTGTTCTGGGGAGGGAAGGAAAAGGTGTTGGAGGCCCTAATTA
TGGACTGTTGGGAAAAGGGTTTTGTCCAGAAGGACAAGCCGGACAATGAGCGACTTCTGTGCTCCAG
AGGAAGACGAGGGAGCAGGAGCTTGGCTGACTGCTCAGAGTCTGTTCTGACGCCCTGGGGTTCCCTGTC
CAACCCAGCAGGGGCGCAGCGGACGCCCCACATTCACCTTGTGCTACTGCTTGGAACCTATTTAT
TTTGATTTTATTTGAACAGAGTTATGTCCTAACTATTTTTATAGATTTGTTTAATTAATAGCTTGTGAT
TTCAAGTTCATTTTTATTTCATATTTATGTTTCATGGTTGATTGTACCTCCCAAGCCCGCCAGTGGG
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GACTGGAGGCAGAAAAGCGGCCAGAAGGCAGCAGCCCTGGCTCCTTTCTTTGGCAGGTTGGGGAAGGG
CTTGCCCCAGCCTTAGGATTTAGGGTTTACTGGGGCGTGGAGAGAGAGGGAGGAACCTCAATAAC
CTTGAAGTGGAATCCAGTTATTTCTGCGCTGCGAGGGTTTCTTTATTTCACTTTTTCTGAATGTCA
AGGCAGTGAGGTGCTCTCACTGTGAATTTGTGGTGGCGGGGGCTGGAGGAGAGGGTGGGGACTGGC
TCCGTCCCTCCAGCCTTCTGCTGCCCTTGCTTAAACAATGCCGGCCAACCTGGCGACTCACGGTTGCAC
TTCCATTCACCAGAATGACCTGATGAGGAAATCTTCAATAGGATGCAAAGATCAATGCAAAAATTGTT
ATATATGAACATATAACTGGAGTCGTCAAAAAGCAAATTAAGAAAGAATTGGACGTTAGAAGTTGTCAT
TTAAAGCAGCCTTCTAATAAAGTTGTTTCAAAGCTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:** [NM\\_001006643.1](#)

**Summary:**

The protein encoded by this gene belongs to the family of calcium-binding mitochondrial carriers, with a characteristic mitochondrial carrier domain at the C-terminus. These proteins are found in the inner membranes of mitochondria, and function as transport proteins. They shuttle metabolites, nucleotides and cofactors through the mitochondrial membrane and thereby connect and/or regulate cytoplasm and matrix functions. This protein may function as an ATP-Mg/Pi carrier that mediates the transport of Mg-ATP in exchange for phosphate, and likely responsible for the net uptake or efflux of adenine nucleotides into or from the mitochondria. Alternatively spliced transcript variants encoding different isoforms with a common C-terminus but variable N-termini have been described for this gene. [provided by RefSeq, Jul 2012]

**Locus ID:**

114789

**MW:**

66.9