

Product datasheet for **SC216507**

SLC25A25 (NM_052901) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC25A25 (NM_052901) Human 3' UTR Clone
Symbol:	SLC25A25
Synonyms:	MCSC; PCSC; SCAMC-2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_052901
Insert Size:	1831 bp



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Insert Sequence: >SC216507 3'UTR clone of NM_052901
 The sequence shown below is from the reference sequence of NM_052901. 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
AAGATCACCTGGGCGTGCAGTCGCGGTGACGGGGGAGGGCCGCCCGGCGAGTGGACTCGTGATCCTG
GGCCGAGCCTGGGGTGTGCAGCCATCTATTCTGTGAATGTGCCAACACTAAGCTGTCTCGAGCCAAG
CTGTGAAAACCTAGACGCACCCGACGGGAGGGTGGGAGAGCTGGCAGGCCAGGGCTTGTCTGCTG
ACCCAGCAGACCCTCTGTTGGTTCAGCGAAGACCACAGGCATTCTTAGGGTCCAGGGTCCAGCAGG
CTCCGGGCTCACATGTGTAAGGACAGGACATTTCTGCAGTGCCTGCCAATAGCGAGCTTGGAGCCTGG
AGGCCGGCTTAGTTCTTCCATTTACCCTTGCAGCCAGCTGTTGGCCACGGCCCTGCCCTCTGGTCTG
CCGTGCATCTCCCTGTGCCCTCTTGTCTGCCTGCCTGTCTGCTGAGTAAGGTGGGAGGAGGGCTACAGC
CCACATCCACCCCTCGTCCAATCCATAATCCATGATGAAAGGTGAGGTACGTGGCCTCCAGGCC
TGACTTCCAACCTACAGCATTGACGCCAACTGGCTGTGAAGGAAGAGGAAAGGATCTGGCCTTGTGG
TCACTGGCATCTGAGCCCTGCTGATGGCTGGGGCTCTCGGCATGCTTGGGAGTGACAGGGGGCTCGGGC
TGCCCTGGCCTGGCTGCACAGAAGGCAAGTCTGGGGCTCATGGTCTCTGAGCTGGCCTGGACCCTGTC
AGGATGGGCCACCTCAGAACCAACTCACTGTCCCACTGTGGCATGAGGGCAGTGGAGCACCATGT
TTGAGGGCGAAGGGCAGAGCGTTTGTGTGTTCTGGGGAGGGAAGGAAAAGGTGTTGGAGGCCTTAATTA
TGGACTGTTGGGAAAAGGGTTTTGTCCAGAAGGACAAGCCGGACAATGAGCGACTTCTGTGCTCCAG
AGGAAGACGAGGGAGCAGGAGCTTGGCTGACTGCTCAGAGTCTGTTCTGACGCCCTGGGGGTTCTGTC
CAACCCAGCAGGGGCGCAGCGGACGCCCACTTCCACTTGTGCTACTGCTTGGAACTATTTAT
TTTGTATTTATTTGAACAGAGTTATGTCCTAACTATTTTTATAGATTTGTTTAATTAATAGCTTGTGAT
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GACTGGAGGCAGAAAAGCGGCCAGAAGGCAGCAGCCCTGGCTCCTTTCTTTGGCAGGTTGGGGAAGGG
CTTGCCCCAGCCTTAGGATTTAGGGTTTACTGGGGCGTGGAGAGAGAGGGAGGAACCTCAATAAC
CTTGAAGTGGAATCCAGTTATTTCTGCGCTGCGAGGGTTTCTTTATTTCACTTTTTCTGAATGTCA
AGGCAGTGAGGTGCTCTACTGTGAATTTGTGGTGGCGGGGGCTGGAGGAGAGGGTGGGGACTGGC
TCCGTCCCTCCAGCCTTCTGCTGCCCTTGCTTAAACAATGCCGGCCAACGGCGACTCACGGTTGCAC
TTCCATTCACACAGAATGACCTGATGAGGAAATCTTCAATAGGATGCAAAGATCAATGCAAAAATGTT
ATATATGAACATATAACTGGAGTCGTCAAAAAGCAAATTAAGAAAAGAAATTGGACGTTAGAAGTTGTCAT
TTAAAGCAGCCTTCTAATAAAGTTGTTTCAAAGCTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_052901.5](#)

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