

Product datasheet for **SC216816**

SLC25A12 (NM_003705) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC25A12 (NM_003705) Human 3' UTR Clone
Symbol:	SLC25A12
Synonyms:	AGC1; ARALAR; DEE39; EIEE39
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003705
Insert Size:	1899 bp



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Insert Sequence: >SC216816 3'UTR clone of NM_003705
The sequence shown below is from the reference sequence of NM_003705. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAAAGGCAGCAGTGGCAGCCACTCAGTGATGAGACAACCTGTTGAGTGTGGCAAAATGGCGCCTTGAAG
AAAGAGGCCTAGGAGAGCAGCCCTGTAATGTATCCAGTCAGTGCATGGTACTGACTGAGCTGAGGAGT
CAAACCTCTTCTTCTGTATGACATATACATATACTTGTATATAAAATAATCATTTGCCAGGGAAAAA
CCACAACGCTGTTTCAAGCTTTAGTCTTATGTGTTGAAATGTTTTGTAAGCCTTGGCATGAATTAGTG
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TGGAAATAAAAGGTATTTGCTGATAAAAGGCATAACGAGACATAGTGCTGCTACCACTGAATAAGTGAT
ACTTTGGAAGATGCATGCCAGTGGATGCCAGAGGACCAGGCTAATGACTTGTGTGTGCTGATGTGTTT
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CGCCTGTGAGTGTGCATATGGAACAGGGACATCTCCATCATTACTGGCTTAGTTTTGCTTTCCTTTGA
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AACAGGATTATGTTATGTGTGTGTTATTCTGTGCTCTTGTCTTTGTTCACTTAATGTGTTTGGATATCT
TTCCATGTCAGTTTATAAAGTTTTATTTTAATGGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_003705.5](#)

Summary:	This gene encodes a calcium-binding mitochondrial carrier protein. The encoded protein localizes to the mitochondria and is involved in the exchange of aspartate for glutamate across the inner mitochondrial membrane. Polymorphisms in this gene may be associated with autism, and mutations in this gene may also be a cause of global cerebral hypomyelination. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Apr 2012]
Locus ID:	8604
MW:	73.2