

Product datasheet for SC211575

SLC25A13 (NM_001160210) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SLC25A13 (NM_001160210) Human 3' UTR Clone
Symbol: SLC25A13
Synonyms: ARALAR2; CITRIN; CTLN2; NICCD
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001160210
Insert Size: 1001 bp
Insert Sequence: >SC211575 3'UTR clone of NM_001160210
 The sequence shown below is from the reference sequence of NM_001160210. 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
ACCTCAAAGGCTATTGGTGGAGGCCCATAGGAAGATCAGCCCTGGGATAGTGCTGTCTTTTTGTGGGTA
CTGCAGTAAAGAACATCCCTCCTGGGAATGAAGCAATGCTTCATCCCTTTACGTCCATCTCTTGTTTA
AATTCAAGTCCAGGCTTTTTTATCATGTGAAATCATTCTTTCTGGGTGTTTTCTTAACCAGATCATT
GTGAAATTATTCATAATTATTATTTGGCCCTCTGCCAGAAACCTTTGTTTGCATCTGAAAATTGATGG
GATTTGGTCAACACTAACATGATTTGGGAAAGGAGCAAGTCAGAATAGAAATTAGTACTCCCTCCTT
GAACTAGGATTGTAGTCCAAAGAGGCTACTGTAAGGCAATCATGGTGCTCAGAGCAGTGTTCGTGTG
TGTTTTAAACTGGTAGGAAACTAGGTGCATATTTATAAAAATAAAAAACTGGGAGAAATGAAAAAAT
ATATATCAAATATATTCAGCCTGGCTTCAAATTGTAAGCATGCACAAATCTGTCTCTGGATTATATTA
TGAAGCTTTTATGTGAAACATGTTTCTTTGTAATGAAAACCACATTGGAGATGTTTAGTAATCATATTG
TACTGGTACCAAGACTACTAGGAAATGCCTTTGACTTTAGGGAAGTACTTTTGGCATTCTACTGTA
CAGACAGAAAAAACTGAGATGTAGCCCTCTCCTGGAAGTGCTAATTTTGAAAACTGCTCATATGATG
TACATGACTGATTACTGCCTATTTAATAAACACTCTTGAAAAATGCATGTTGCCCTGTTGCTGCCTG
CCCTATTCTCCTCATCTCCCATCATTGGTACCCACTTGCTTTTAAAAATCCAATTTATCTTGAATAATG
TAAGACAAATATGTTCTGACATAAGTATTTAATTCATGTTGCCTTGCATAATGGTCAGAGGCCATGAA
TTTGTGAAGGTGGAAATAAACTATTTGTAAGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_001160210.2</u>
Summary:	This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]
Locus ID:	10165
MW:	38.7