

Product datasheet for **SC210344**

DARS2 (NM_018122) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DARS2 (NM_018122) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DARS2
Synonyms: ASPRS; LBSL; MT-ASPRS; mtAspRS
ACCN: NM_018122
Insert Size: 871 bp
Insert Sequence: >SC210344 3'UTR clone of NM_018122
The sequence shown below is from the reference sequence of NM_018122. 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
ACAGACTCCAAAGCAGAAAGAGCTCATTGAATCATGCATACCATGCAGAAAGTTGAGCTTTTAGGTTTT
GTCCTCTTTGCTTCCCAAGGCTAAAGTCAGACTAGAGTTCTGCCACAGGTCTAACAATCAAGTCTTT
AGATGGAAGGAATCCAGGCAACATTCTTACCACAACGAAGAAACAGATAAAAGATACCCAATTTTGAC
TTGATTTTCATGCATCATTGGATTTTTTTGGTTAGGACTTTTTTTGAAGTTCCTTTTTACTTAGGTGT
GAAAGATGGTTCTTTGTTGAAATAATATAGTGGTTTAGTGTTCAAATCATGTTTCTCATACCCAGAT
AGTAGATTATTCACTTAGGACAGAGGTAATCAAATTATGTGTGAAATGTAGGAAAATGCTTGCCCTGT
AAACTAGTGAGTTGATGGAGCATTGCTTCATCATCCTCATCAAGAGAATCATATAAATTAAGCTTTAT
AATGACATTTCAACCATCAACATAATATAGTGAGGAGTAGCATAATTTTTTAATAATGCAGAAAACA
TCACTGAAATGAGAGTCACAAATTTTCTCAGTGTTCAGCCTGAGTAAGTTACATAAACCTCGCTTA
GCCTCCCTCCTGCTAATGTGTAATAACATACTTGCCCTGGCTACCTCACCGGGCTGTTATTGCTGGA
ATCAGAGGAGATAACATATATGGAAGATAAAGTGAATAAAAGTACTTTGAAAACTATAAAGCATTCCA
CAAATATGAGATGATGGTATTATCCATCCATAAATAGGTAGATATATCTCTATTTTATAGTTTCAGATT
AAACAAAAGTATCAATAGTAAAAGTCAATTTACTTATCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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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_018122.5
Summary:	The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. It is a mitochondrial enzyme that specifically aminoacylates aspartyl-tRNA. Mutations in this gene are associated with leukoencephalopathy with brainstem and spinal cord involvement and lactate elevation (LBSL). [provided by RefSeq, Nov 2009]
Locus ID:	55157
MW:	34.3