

## Product datasheet for **SC208829**

### **YARS2 (NM\_001040436) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** YARS2 (NM\_001040436) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** YARS2  
**Synonyms:** CGI-04; MLASA2; MT-TYRRS; TYRRS  
**ACCN:** NM\_001040436  
**Insert Size:** 690 bp  
**Insert Sequence:** >SC208829 3'UTR clone of NM\_001040436  
The sequence shown below is from the reference sequence of NM\_001040436. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCTACATTATAAAATGGCTTCAGTTGTGATGAAAAGTCCTTCTGGTTGTCCAAATAAACTTACCCATC
ATTCATTCTCAAGACCTCTGAAGGTTGGCTCCAGAAGTTAGACCTTTGCTTATGCAAAATCAGAAAAAC
AGAATGGACTAGGACTCAGTGTGAGTAACCTCATTATTTTTATGGCCGGTTAATAAATATTTGTTTAA
TAATGGGATGTTTTATTTTCTGATGTACAAGCTTGATTACCATAGAAAACCATGATTTTCAGGGTTAA
TCTCTTTTTAAAATTATACTTCAGAAGAGAAAAGAAATGCTGCTTTCCTATCTTACCCTTCTGCTCTCC
TTTTTGTAGTGATGAGGAACAATGAAAAAGAGGTAGTGTAAAGGAATTGTGAGGCTGGGCATGGTGGCTC
ACACCTGTAATCCCAGCACTTCGGGAGGCCAAGGTGGGCAAAATCGCTTGAGGCCAGGAGTTTGAGACCA
GCCTGGCCAACAGGGCGAAACCCGCTCTACTGAAAATATAAAAATTAGCCAGATGTGGTTGCAGGCA
CCTGTAACCCAGCTACTCAAGAGGCTGAGCTGCGAGAATCACTTGAACCCAGGAGATGGAGTTGCAG
TGAGCTGAGATCACGCCACTGCACTCCAGCCTGGGAGACAGCATGAGTAGTGAGTAAAATCTGTCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.



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RefSeq: [NM\\_001040436.3](#)

Summary: This gene encodes a mitochondrial protein that catalyzes the attachment of tyrosine to tRNA(Tyr). Mutations in this gene are associated with myopathy with lactic acidosis and sideroblastic anemia type 2 (MLASA2). [provided by RefSeq, Jan 2011]

Locus ID: 51067

MW: 26.5