

Product datasheet for **SC210477**

PARS2 (NM_152268) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PARS2 (NM_152268) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PARS2
Synonyms: DEE75; EIEE75; MT-PRORS; proRS
ACCN: NM_152268
Insert Size: 866 bp
Insert Sequence: >SC210477 3'UTR clone of NM_152268

The sequence shown below is from the reference sequence of NM_152268. 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
GATTTACTGACCCAGTGCAGACTGTCTAATGCCCCAGCCACCCTGCCCCATTGTCAGCCTTGG
TGTTTCGTTCTAACACTGCATTTTCTACACCCCTTCTGGACTGCTCTCCAGAAACAGCACAGCTC
ATGGAGGGTGAGATCATGTTAGGGAAATCAATTTTATCTAGTCATTTGTTTCAGATTATTTGATTTAA
AGTCATTAACCTGATCCCTTTCTCCAGACTGGCCATGCCGCCATATACCTTTCTTTTGTATTCCATTG
TGAAGCTTCTAGGAGGCTGAGAAGCAGGAGATCCAAGCTCCAGTCTGGGTGTTACCCTGAGGGGGGA
AGTCACTTCCCTTCTCTCAGCTGAGTTTTTACGTGTAAGATGAGAATGGCTGATGGCTGAGAGCCAC
CAACCTTCCCCACCCGATCAGTTTGACCACGGGCTTTTGTACATTCTATCCAGAGAGCAGGCCTG
CCAGCCCCTCTCCACTGAGAAGTTGGGCTGAGAGTATGGGGAAAAGAATCAAGAGACCTGACTGCCGCC
AACTCACTAGTGACTTAGATACATCCCCTCCCCTGCTGGGGCCTCAGTTTCCCCTCTGTAACCTTGAG
AAAATAGAACTAGATCTGTAAGTCTGGAAGTCTGTAACGTCCTTATAGGTGTCAGTGGGGTT
CCATGAGAGGTGTGTGACAGGCAGTCTGATTCCCTCATTCTCCATAGTCTGTTTCTGGAAAGTCGAT
GTAATTAAGTATGAGCCAAAACCTACCTCAAGAGACCTGGCCCTGTTAAGACGGCTTAACCACTGAGA
TCCCGTTCTATTGATTTAATAAAGTCAAATATTGGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_152268.4](#)

Summary: This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of proline to tRNA molecules. Mutations have been found in this gene in some patients with Alpers syndrome. [provided by RefSeq, Mar 2015]

Locus ID: 25973

MW: 32.1