

Product datasheet for **SC205783**

FARSLB (FARSB) (NM_005687) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FARSLB (FARSB) (NM_005687) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FARSB
Synonyms:	FARSLB; FRSB; HSPC173; NEDBLLA; PheHB; PheRS; RILDBC; RILDBC1
ACCN:	NM_005687
Insert Size:	2000 bp



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Insert Sequence: >SC205783 3'UTR clone of NM_005687
 The sequence shown below is from the reference sequence of NM_005687. 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
CTAGAAATCAATGTTGGACCCTTTTGTGAAGATTGGTCTCTGTGGTGTGATTCTCTCCAGGTGTCC
CTTTCTCCTCCCTAGTGTCTTAAGTCCTCCTCCACAGGGAACATCTATTTGGGCTTTGATGTTTAAAT
AAAGTAGAAAGCACTGTCTGGCTGTGTGGGTAGAGACCATCCTTTCCCTGCATATTAGGCCAGCTTGTG
CCATATACCAGTGTGGTGTCTGTGTGTGAAGCTGCATTGTTGGGTAAAAGCCCCGTGGAGTGTGGAGA
AATGCACTAGCAGAGTGCAGGATCTGTTCTGAAAGGCAGACGTCTCCTCAGACATCAGAACATCACAT
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GAATTCATGTTGCATGAGTTCGAGATAACTGAGGGGTTAGCTTTGATTTTCTACATTTGACATGTATT
CATCATTGAGAAACACTAAAATAACAATATTTTTAGAAAACGTTTAAAGAATCAATTATGGTCCAACAAT
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GCATAGGTATTTTTACTCTATCTGTGATACTCTAAGATAGAGTACATGCAACAAAGATCTGTTCTGCT
GTAAGAGTTAAAAATGGACAAGTATTGATATCAATGCAGTATGAACATTAGGAAACAATGAGAAGCTTAT
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CCTGACCATATTACAACCTTGAATTGGGGCAGCAGTGTCTAAGTCTGTAAGATTTGTGAACACACACAC
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AACTTAATAGTAAAAATAAAACAACCTGTTTTTAAAAATGTGCAAGAGTTGAGCAACATTTCCCAAAA
GATGACATATGAATGAGCACTTGAAAAGATCCTCAACATCGTTAGTCATCAGGGAATGCAACTAAAAT
TCACAATGACAACTGCATACCCATTAATAATGGCTAAAATTTAAGATTCATAAATCAAATACTGCTGAG
ACTGGAGCAAGTGAACCTTTCATGCACTGCTGGTGAAGTCAAAATGTTACATTTGACTTTAG
AAAACAGCTTGGCAGTCTTGAACATACACCTACCATCTAGCCATTCTATTCTAGGTTTACCCAT
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).

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_005687.5](#)

Summary: This gene encodes a highly conserved enzyme that belongs to the aminoacyl-tRNA synthetase class IIc subfamily. This enzyme comprises the regulatory beta subunits that form a tetramer with two catalytic alpha subunits. In the presence of ATP, this tetramer is responsible for attaching L-phenylalanine to the terminal adenosine of the appropriate tRNA. A pseudogene located on chromosome 10 has been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

Locus ID: 10056

MW: 76.6