

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



FARSLB Peptide

Cat No.: BS60426P

Background

FARSLB (Phenylalanine--tRNA ligase beta chain), also known as FARSB, FRSB, PheHB or PheRS, is a 589 amino acid cytoplasmic protein that is the regulatory beta subunit of phenylalanine-tRNA synthetase. A highly conserved member of the aminoacyl-tRNA synthetase class IIc subfamily, FARSLB functions to enzymatically attach L-phenylalanine residues to terminal adenosines on tRNA(Phe). This is an ATP-dependent reaction that yields AMP, a diphosphate and an L-phenylalanine-tagged tRNA(Phe). FARSLB is expressed in brain, heart, kidney, pancreas, placenta and skeletal muscle and its expression is increased in malignant cell lines, suggesting a possible role for FARSLB in carcinogenesis.

Swiss-Prot

Q9NSD9

Applications

Blocking

Specificity

This peptide can be used with studies using BS60426 FARSLB pAb.

Purification & Purity

Synthetic peptide FARSLB. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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