

FARSB, 1-589aa, Human, His tag, E.coli

Cat.NO.: TP02092

3th Edition

Synonyms: Phenylalanine--tRNA ligase beta subunit, FARSLB, FRSB, HSPC173, PheHB, PheRS

Description: FARSB also known as phenylalanine--tRNA ligase beta subunit. FARSB is composed tetramer of two alpha and two beta subunits. Recombinant human FARSB, fused to His-tag at N-terminus, was expressed in E.coli.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight: 68.5 kDa (612aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMPTVSVKRDLLFQALGRITYTDEEFDELCFEFGLELDEITSEKEIISKEQGNVK
AAGASDVVLYKIDVPANRYDLLCLEGLVRGLQVFKERIKAPVYKRVMPDGKIQKLIITEETAKIRPFAVA AVLNRNIKFTK
DRYDSFIELQEKLHQNICRKRALVAIGTHDLDTLSPFTYTAKRPSDIKFKPLNKTKEYTACELMNIYKTDNHLKHYLH
IENKPLYPVIYDSNGVVLSMPPIINGDHSRITVNTRNIFIECTGTDFTKAKIVLDIIVTMFSEYCNQFTVEAAEVVFPN
GKSHTFPELAYRKEMVRADLINKKVGIRETPENLAKLLTRMYLKSEVIGDGNQIEIEIPPTRADIIHACDIVEDAAIAYG
YNNIQMTLPKTYTIANQFPLNKLTELLRHDMAAAGFTEALTFALCSQEDIADKLGVDISATKAVHISNPKTAEFQVART
TLLPGLLKTIANRKMPLPLKLFESDIVIKDSNTDVGAKNYRHLCVYYNKNPGFEIHHGLLDRIMQLLDVPPGEDKG
GYVIKASEGPAFFPGRCAEIFARGQSVGKLGVLHPDVITKFELTMPCSSLEINVGPFL

Purity: > 95% by HPLC

Concentration: 1mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.