

RPPB1631

Product Information Protein Information

Product SKU:

RPPB1631

Accession:

Q9NSD9

Host:

Escherichia Coli.

Protein description:

FARSB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 612 amino acids (1-589 a.a) and having a molecular mass of 68.5kDa.FARSB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Phenylalanyl-TRNA Synthetase, Beta Subunit, FARSLB,FRSB, Phenylalanyl-TRNA Synthetase-Like, Beta Subunit, EC 6.1.1.20, PheRS, Phenylalanine-TRNA Synthetase-Like, Beta Subunit, Phenylalanine TRNA Ligase 1, Beta, Cytoplasmic, Phenylalanyl-TRNA Synthetase Beta-Subunit, Phenylalanyl-TRNA Synthetase Beta Subunit, Phenylalanine--TRNA Ligase Beta Subunit, Phenylalanyl-TRNA Synthetase Beta Chain, Phenylalanine--TRNA Ligase Beta Chain, Phenylalanine-TRNA Ligase Beta Chain, Phenylalanine TRNA Ligase 1, Cytoplasmic, EC 6.1.1, HSPC173,PheHB,Beta,FARSB.

Formulation:

FARSB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMP TVSVK RDLFQALGR TYTDEEFDEL CFEGLLEDE ITSEKEIISK
EQGNVKAAGA SDVVLYKIDV PANRYDLLCL EGLVRGLQVF KERIKAPVYK RVMPDGKIQK LIITEETAKI
RPFVAVAVLR NIKFTKDRYD SFIELQEKLH QNICRKRALV AIGTHDLDTL SGPFTYTAKR PSDIKFKPLN
KTKEYTACEL MNIYKTDNHL KHYLHIIENK PLYPVIYDSN GVVLSMPPII NGDHSRITVN TRNIFIETG
TDFTKAKIVL DIIVTMFSEY CENQFTVEAA EVVFPNGKSH TPELAYRKE MVRADLINKK VGIRETPENL
AKLLTRMYLK SEVIGDGNQI EIEIPTRAD IIHACDIVED AAIAYGYNNI QMTLPKTYTI ANQFPLNKLT
ELLRHDMAAA GFTEALTFAL CSQEDIADKL GVDISATKAV HISNPKTAEF QVARTLLPG LLKTIAANRK
MPLPLKLFEL SDIVIKDSNT DVGAKNYRHL CAVYYNKNPG FEIHHGLLDR IMQLLDVPPG EDKGGYVIKA
SEGPAFFPGR CAEIFARGQS VGKLGVLHPD VITK FELTMP CSSLEINVGP FL