

Phenylalanyl-TRNA Synthetase Beta Human Recombinant

Item Number	rAP-1877
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,
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.
Uniprot Accesion Number	Q9NSD9
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMPVSVK RDLLFQALGR TYTDEEFDEL CFEFGLELDE ITSEKEIISK EQGNVKAAGA SDVVLYKIDV PANRYDLLCL EGLVRGLQVF KERIKAPVYK RVMPDGKIQK LIITEETAKI RPFVAVAVLR NIKFTKDRYD SFIELQEKLH QNICRKRALV AIGTHDLDL SGPFTYAKR PSDIKFKPLN KTKEYTACEL MNIYKTDNHL KHYLHIIENK PLYPVIYDSN GVVLSMPPII NGDHSRITVN TRNIFIECTG TDFTKAKIVL DIIVTMFSEY CENQFTVEAA EVVFPNGKSH TFPDELAYRKE MVRADLINKK VGIRETPENL AKLLTRMYLK SEVIGDGNQI EIEIPTRAD IIHACDIVED AAIAYGYNNI QMTLPKTYTI ANQFPLNKLT ELLRHDMAAA GFTEALTFAL CSQEDIADKL GVDISATKAV HISNPKTAEF QVARTTLLPG LLKTIAANRK MPLPLKLF EI SDIVIKDSNT DVGAKNYRHL CAVYYNKNPG FEIIGHLLDR IMQLLDVPPG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	FARSB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**