

Human YARS2 Recombinant Protein



RPPB2422

Product Information Protein Information

Product SKU:

RPPB2422

Accession:

Q9Y2Z4

Host:

Escherichia Coli.

Protein description:

YARS2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 482 amino acids (17-477 a.a.) and having a molecular mass of 53.7kDa. YARS2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Tyrosine--tRNA ligase mitochondrial, Tyrosyl-tRNA synthetase, TyrRS, YARS2, CGI-04, TYRRS, MLASA2, MT-TYRRS.

Formulation:

YARS2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl, 1mM DTT.

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 SSSLVPRGSH MTLNLSVLLP LGLRKAHSGA QLLAAQKAR GLFKDFPET GTKIPELPEL
DRGTASFPQT IYCGFDPTAD SLHVGHLLAL LGLFHLQRAG HNVIALVGGA TARLGDPSGR TKEREALETE
RVRANARALR LGLEALAAH QQLFTDGRSW GSFTVLDNSA WYQKQHLVDF LAAVGGHFRM GTLLSRQSVQ
LRLKSPEGMS LAEFFYQLQ AYDFYLFQR YGCRVQLGGS DQLGNIMSGY EFINKLTGED VFGITVPLIT
STTGAKLGKS AGNAVWLNRD KTSPFELYQF FVRQPDDSVE RYLKLF TFLP LPEIDHIMQL HVKEPERRGP
QKRLAAEVTK LVHGREGLDS AKRCTQALYH SSIDALEVMS DQELKELFKE APFSEFFLDP GTSVLDTCRK
ANAIPDGPRG YRMITEGGVS INHQQVTNPE SVLIVGQHIL KNGLSLLKIG KRNFYIIKWL QL.