

Human WARS Recombinant Protein



RPPB2417

Product Information Protein Information

Product SKU:

RPPB2417

Accession:

P23381

Host:

Escherichia Coli.

Protein description:

WARS Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 491 amino acids (1-471 a.a.) and having a molecular mass of 55.3 kDa. The WARS is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

GAMMA-2, IFI53, IFP53, WRS, WARS, TrpRS, hWRS, EC=6.1.1.2, Tryptophanyl-tRNA synthetase, INF-induced protein 53, Tryptophan--tRNA ligase, GAMMA-2.

Formulation:

1mg/ml solution containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl, 1mM DTT & 10% glycerol.

Purity:

Greater than 90.0% 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 SGLVPRGSH MPNSEPALL ELFNSIATQG ELVRSKAGN ASKDEIDSAV KMLVSLKMSY
KAAAGEDYKA DCPGPNPAPT SNHGPDTEA EEDFVDPWTV QTSSAKGIDY DKLIVRFGSS KIDKELINRI
ERATGQRPHH FLRRGIFFSH RDMNQVLDAY ENKKPFYLYT GRGPSSEAMH VGHLPFIFT KWLQDVFNVP
LVIQMTDDEK YLWKDLTDQ AYSYAVENAK DIIACGFDIN KTFIFSDLDY MGMSSGFYKN VVKIQKHVTF
NQVKGIFGFT DSDCIGKISF PAIQAAPSFS NSFPQIFRDR TDIQCLIPCA IDQDPYFRMT RDVAPRIGYP
KPALLHSTFF PALQGAQTKM SASDPNSSIF LTDTAKQIKT KVNKHAFSGG RDTIEEHRQF GGNCDDVVSF
MYLTFLEDD DKLEQIRKDY TSGAMLTGEL KKALIEVLQP LIAEHQARRK EVTDEIVKEF MTPRKLSFDF Q.