

RPPB1797

Product Information Protein Information

Product SKU:

RPPB1797

Accession:

P12081

Host:

Escherichia Coli.

Protein description:

HARS Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 532 amino acids (1-509 a.a.) and having a molecular mass of 59.4kDa. The HARS is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Histidyl-tRNA synthetase cytoplasmic, Histidine--tRNA ligase, HisRS, HARS, HRS, FLJ20491.

Formulation:

The HARS solution (1mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.

Purity:

Greater than 95.0% 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 MGSMARAAL EELVKLQGER VRGLKQKAS AELIEEVAK LLKKAQLGP
DESKQKVLK TPKGTRDYSR QMAVREKVF DVIIRCFKRH GAEVIDTPVF ELKETLMGKY GEDSKLIYDL
KDQGGELLSL RYDLTPFAR YLAMNKLTNI KRYHIKVYR RDNPAMTRGR YREFYQCDFD IAGNFDPMIP
DAECLKIMCE ILSSLQIGDF LVKVNDRRIL DGMFAICGVS DSKFRTICSS VDKLDKVSWE EVKNEMVGEK
GLAPEVADRI GDYVQQHGGV SLVEQLLQDP KLSQNKQALE GLGDLKLLFE YLTLFGIDDK ISFDLSLARG
LDYYTGVIYE AVLLQTPAQA GEEPLGVGSV AAGGRYDGLV GMFDPKGRKV PCVGLSIGVE RIFSIVEQRL
EALEEKIRTT ETQVLVASAQ KKLLERLKL VSELWDAGIK AELLYKKNPK LLNQLQYCEE AGIPLVAIIG
EQLKDGVIK LRSVTSREEV DVRREDLVEE IKRRTGQPLC IC.