

RPPB1658

Product Information Protein Information

Product SKU:

RPPB1658

Accession:

P41250

Host:

Escherichia Coli.

Protein description:

GARS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 270 amino acids (43-289 a.a) and having a molecular mass of 30kDa.GARS is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glycine--tRNA ligase, Diadenosine tetrphosphate synthetase, AP-4-A synthetase, Glycyl-tRNA synthetase, GlyRS, GARS, CMT2D, DSMAV, HMN5, SMAD1.

Formulation:

GARS protein solution (0. 5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 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 SGLVPRGSH MGSPISLPAA ASRSSMDGAG AEEVLAPLRL AVRQQGDLVR KLKEDKAPQV
DVKAVAELK ARKRVLEAKE LALQPKDDIV DRAKMEDTLK RRFYDQAFI IYGGVSGLYD FGPVGCALKN
NIIQTRQHF IQEEQILEID CTMLTPEPVL KTSGHVDKFA DFMVKDKVNG ECFRADHLLK AHLQKLMSDK
KCSVEKKSEM ESVLAQLDNY GQQLADLFV NYNVKSPITG NDLSPVSN LMFKTFIGPG.