

RPPB1855

Product Information Protein Information

Product SKU:

RPPB1855

Accession:

Q15046

Host:

Escherichia Coli.

Protein description:

KARS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 558 amino acids (63-597 a.a.) and having a molecular mass of 63.7kDa. KARS is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Lysine--tRNA ligase, Lysyl-tRNA synthetase, LysRS, KARS, KIAA0070, KRS, KARS2, CMTRIB.

Formulation:

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

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 MGSVGPPEE SVDPNQYYKI RSQAIHQLKV NGEDPYPHKF HVDISLTDFI
QKYSHLQPGD HLTDTLKVA GRIHAKRASG GKLIFYDLRG EGVKLQVMAN SRNYKSEEEF IHINNKLRG
DIIGVQGNPG KTKKGELSII PYEITLLSPC LHMLPHLHFG LKDKETRYRQ RYLDLILNDF VRQKFIIRSK IITYIRSFLD
ELGFLEIETP MMNIIPGGAV AKPFITYHNE LDMNLYMRIA PELYHKMLVW GGIDRVYEIG RQFRNEGIDL
THNPEFTTCE FYMAYADYHD LMEITEKMVS GMVKHITGSY KVTYHPDGPE GQAYDVDFTP PFRINMVEE
LEKALGMKLP ETNLFETEET RKILDDICVA KAVECPPRT TARLLDKLVG EFLEVTCINP TFCIDHPQIM
SPLAKWHRSK EGLTERFELF VMKKEICNAY TELNDPMRQR QLFEEQAKAK AAGDDEAMFI DENFCTALEY
GLPPTAGWGM GIDRVAMFLT DSNNIKEVLL FPAMKPEDKK ENVATDTTLE STTVGTSV.