

Human TARS Recombinant Protein



RPPB2305

Product Information Protein Information

Product SKU:

RPPB2305

Accession:

P26639

Host:

Escherichia Coli.

Protein description:

TARS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 743 amino acids (1-723) and having a molecular mass of 85.6kDa. TARS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Threonine--tRNA ligase, cytoplasmic, Threonyl-tRNA synthetase, ThrRS, TARS.

Formulation:

The TARS solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 150mM NaCl.

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 MFEKASSPS GKMGEEKPI GAGEEKQKEG GKKNKEGSG DGGRAELNPW
PEIYTRLEM YNILKAHDS ILAEKAEKDS KPIKVTLPDG KQVDAESWKT TPYQIACGIS QGLADNTVIA
KVNNVVWDLD RPLEEDCTLE LLKFEDEEAQ AVYWHSSAHI MGEAMERVYG GCLCYGPPIE NGFYDMMYLE
EGGVSSNDFS SLEALCKII KEKQAFERLE VKKETLLAMF KYNKFKCRIL NEKVNTPTTT VYRCGLIDL
CRGPHVRHTG KIKALKIHKN SSTYWEGKAD METLQRIYGI SFPDPKMLKE WEKFQEEAKN RDHRKIGRDQ
ELYFFHELSPGSCFFLPKGA YIYNALIEFI RSEYRKRGFQ EVVTPNIFNS RLWMTSGHWQ HYSNMFSFE
VEKELFALKP MNCPGHCLMF DHRPRSWREL PLRLADFGVL HRNELSGALT GLTRVRRFQQ DDAHIFCAME
QIEDEIKGCL DFLRTVYSVF GFSFKLNLST RPEKFLGDI VWDQAEKQLE NSLNEFGKEW ELNSGDGAFY
GPKIDIQIKD AIGRYHQCAT IQLDFQLPIR FNLTYSVSHG DDKRPPVIVH RAILGSVERM IAILTENYGG
KWPFWLSPRQ VMVVPVGPTC DEYAQKVRQQ FHDQKFMADI DLDPGCTLNK KIRNAQLAQY NFILVVGEKE
KISGTVNIRT RDNKVHGERT ISETIERLQQ LKEFRSKQAE EEF.