

Human TYMS Recombinant Protein



RPPB2361

Product Information Protein Information

Product SKU:

RPPB2361

Accession:

P04818

Host:

Escherichia Coli.

Protein description:

Thymidylate synthase Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 333 amino acids (1-313 a.a.) and having a molecular mass of 37.8 kDa. The Thymidylate synthase fused to a 20 amino acid His-Tag at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

TMS, EC 2.1.1.45, HST422, Thymidylate synthase, TSase, TS, TYMS, MGC88736.

Formulation:

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

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 MPVAGSELPR RPLPPAAQER DAEPRPPHGE LQYLGQIQHI LRCGVRKDDR
TGTGTLVFG MQARYSLRDE FPLLTTRVF WKGVLELLW FIGSTNAKE LSSKGVKIWD ANGSRDFLDS
LGFSTREEGD LGPVYGFQWR HFGAEYRDME SDYSGQVDQ LQRVIDTIKT NPDDRRIMC AWNPRDLPLM
ALPPCHALCQ FYVNSELSC QLYQRSGDMG LGVPFNIAZY ALLTYMIAHI TGLKPGDFIH TLGDAHIYLN
HIEPLKIQLQ REPRFPKLR ILRKVEKIDD FKAEDFQIEG YNPHTIKME MAV.