

Human TYMP Recombinant Protein



RPPB2360

Product Information Protein Information

Product SKU:

RPPB2360

Accession:

P19971

Host:

Escherichia Coli.

Protein description:

TYMP Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 493 amino acids (11-482 a.a.) and having a molecular mass of 51.3kDa. The TYMP is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Thymidine phosphorylase, Gliostatin, Platelet-derived endothelial cell growth factor, PD-ECGF, TdRPase, TYMP, ECGF1, TP, MNGIE, MEDPS1, MTDPS1, PDECGF, hPD-ECGF.

Formulation:

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

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 SSSLVPRGSH MAPPAPGDFS GEGSQGLPDP SPEPKQLPEL IRMKRDGGRL SEADIRGFVA
AVVNGSAQGA QIGAMLMAIR LRGMDLEETS VLTQALAQSG QLEWPEAWR QQLVDKHSTG GVGDKVSLVL
APALAACGCK VPMISGRGLG HTGGTLDKLE SIPGFNVIQS PEQMQLLDQ AGCCIVGQSE QLVPADGILY
AARDVTATVD SLPLITASIL SKKLVEGLSA LVVDVKFGGA AVFPNQEQR ELAKTLVGVG ASLGLRVAAA
LTAMDKPLGR CVGHAEVEE ALLCMDGAGP PDLRDLVTTL GGALLWLSGH AGTQAQGAAR VAAALDDGSA
LGRFERMLAA QGVDPGLARA LSCGSPAERR QLLPRAREQE ELLAPADGTV ELVRALPLAL VLHELGAGRS
RAGEPLRLGV GAELLVDVGQ RLRRGTPWLR VHRDGPALSG PQSRALQEAL VLSDRAPFAA PSPFAELVLP PQQ.