

Human TK1 Recombinant Protein



RPPB2667

Product Information Protein Information

Product SKU:

RPPB2667

Accession:

P04183

Host:

E.coli.

Protein description:

TK1 Human Recombinant produced in E. coli is a single polypeptide chain containing 258 amino acids (1-234) and having a molecular mass of 28.0 kDa. TK1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Thymidine kinase 1 soluble, thymidine kinase cytosolic, TK2, EC 2.7.1.21.

Formulation:

The TK1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

Purity:

Greater than 90% 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 MGSMSHCINL PTVLPGSPSK TRGQIQVILG PMFSGKSTEL MRRVRRFQIA
QYKCLVIKYA KDTRYSSSFC THDRNTMEAL PACLRQDVAQ EALGVAVIGI DEGQFFPDIV EFCEAMANAG
KTVIVAALDG TFQRKPFQAI LNLVPLAESV VKLTAVCMCEC FREAAATKRL GTEKEVEVIG GADKYHSVCR
LCYFKKASGQ PAGPDNKENC PVPKPGGEAV AARKLFAPQQ ILQCSPAN.