

Human TK2 Recombinant Protein



RPPB2668

Product Information Protein Information

Product SKU:

RPPB2668

Accession:

000142

Host:

E.coli.

Protein description:

TK2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 257 amino acids (34-265 a.a) and having a molecular mass of 30.2kDa.TK2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Thymidine kinase 2 mitochondrial, Mt-TK, TK2, MTTK, MTDPS2.

Formulation:

TK2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, pH8.0, 30% glycerol, 2mM DTT and 200mM NaCl.

Purity:

Greater than 85% 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 SSGLVPRGSH MGSHMVQRRA WPPDKEQEKE KKSVICVEGN IASGKTTCLE FFSNATDVEV LTEPVSKWRN VRGHNPLGLM YHDASRWGLT LQTYVQLTML DRHTRPQVSS VRLMERSIHS ARYIFVENLY RSGKMPEVDY VVLSEWFDWI LRNMDVSVDL IVYLRTPET CYQLKKRCR EEEKVIPLEY LEAIHHLHEE WLIKGSLFPM AAPVLVIEAD HHMERMLELF EQNRDRILTP ENRKHCP.