

# Human TK2 Recombinant Protein



RPPB2668

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## Product Information    Protein Information

**Product SKU:**

RPPB2668

**Accession:**

O00142

**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 SGLVPRGSH MGSHMVQRRR WPPDKEQEKE KKSVCIVEGN IASGKTTCLE FFSNATDVEV  
LTEPVSKWRN VRGHNPLGLM YHDASRWGLT LQTYVQLTML DRHTRPQVSS VRLMERSIHS ARYIFVENLY  
RSGKMPEVDY VVLESEFDWI LRNMDVSVDL IVYLRTNPET CYQLKKRCR EEEKVIPLEY LEAIHHLHEE  
WLIKGSLFPM AAPVLVIEAD HHMERMLELF EQNRDRILTP ENRKHCP.