

Human TPK1 Recombinant Protein



RPPB2669

Product Information Protein Information

Product SKU:

RPPB2669

Accession:

Q9H3S4

Host:

Escherichia Coli.

Protein description:

TPK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 267 amino acids (1-243 a.a.) and having a molecular mass of 29.8kDa. TPK1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Thiamin pyrophosphokinase 1, hTPK1, Placental protein 20, PP20, Thiamine pyrophosphokinase 1, TPK1, THMD5.

Formulation:

TPK1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.

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 SGLVPRGSH MGSMEHAFT PLEPLLSTGN LKYCLVILNQ PLDNYFRHLW NKALLRACAD
GGANRLYDIT EGERESFLPE FINGDFDSIR PEVREYATK GCELISTPDQ DHTDFTKCLK MLQKKIEEKD
LKVDVIVTLG GLAGRFDQIM ASVNTLFQAT HITPFPIIIQEESELIYLLQ PGKHLHVDT GMEGDWCGLI
PVGQPCMQVT TTGLKWNLTN DVLAFGTLVS TSNTYDGSV VTVTDHPLL WTMAIKS.