

# Human ITPK1 Recombinant Protein



RPPB2555

## Product Information Protein Information

### Product SKU:

RPPB2555

### Accession:

Q13572

### Host:

E.coli.

### Protein description:

ITPK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 438 amino acids (1-414 a.a) and having a molecular mass of 48.1kDa. ITPK1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered colorless solution.

### Synonyms:

Inositol-tetrakisphosphate 1-kinase, Inositol 1,3,4-trisphosphate 5/6-kinase, Inositol-triphosphate 5/6-kinase, Ins(1,3,4)P(3) 5/6-kinase, ITPK1, ITRPK1.

### Formulation:

ITPK1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM EDTA.

### Purity:

Greater than 95% 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 MGSHMQTFLK GKRVGWYWLSE KIKIKLNFQA FAELCRKRG M EVVQLNLSRP  
IEEQGPLDVI IHKLTDVILE ADQNDSQSLE LVHRFQEYID AHPETIVLDP LPAIRTLDDR SKSYELIRKI EAYMEDDRIC  
SPPFMELTSL CGDDTMRLLE KNGLTFPFIC KTRVAHGTNS HEMAIVFNQE GLNAIQPPCV VQNFHNNNAV  
LYKVFVVGES YTVVQRPSLK NFSAGTSDRE SIFFNSHNVS KPESSSVLTE LDKIEGVFER PSDEVIRELS  
RALRQALGVS LFGIDIIINN QTGQHAVIDI NAFPGYEGVS EFFTDLNHI ATVLQGGQSTA MAATGDVALL  
RHSKLLAEP A GGLVGERTCS ASPGCCGSM GQDAPWKAE A DAGGTAKLPH QRLGCNAGVS PSFQQHCVAS  
LATKASSQ.