

## General Information

### Gene Name Synonym

C-X-C motif chemokine 7; Leukocyte-derived growth factor; Macrophage-derived growth factor; Small-inducible cytokine B7; Connective tissue-activating peptide III; LA-PF4; Low-affinity platelet factor IV; TC-2; Connective tissue-activating peptide III(1-81); Beta-thromboglobulin; Neutrophil-activating peptide 2(74); Neutrophil-activating peptide 2(73); Neutrophil-activating peptide 2; TC-1; Neutrophil-activating peptide 2(1-66); Neutrophil-activating peptide 2(1-63)

### Protein Construction

A DNA sequence encoding the human TPK1 (P02775) (Met1-Ser243) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Kinase activity untested

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

His

### Molecular Mass

The recombinant human TPK1 consists of 261 amino acids and predicts a molecular mass of 29.5 KDa. It migrates as an approximately 27-32 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

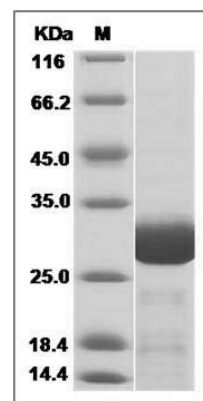
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human TPK1 Protein (His Tag) SDS-PAGE