# Human TPM4 / tropomyosin 4 (His Tag) recombinant protein

Catalog Number: 500910



## **General Information**

# Gene Name Synonym

TM30p1; Tropomyosin-4

# **Protein Construction**

A DNA sequence encoding the human TPM4 (P67936) (Ala2-Ile248) was expressed with an N-terminal polyhistidine tag.

## **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 95 % as determined by SDS-PAGE

## **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

# **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 TPM4 comprises 267

amino acids and has a predicted molecular mass of 30.8 kDa. The apparent molecular mass of the protein is approximately 35-40 kDa in SDS-PAGE under reducing conditions due to glycosylation.

# **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**

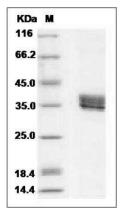
# **Storage**

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 TPM4 / Tropomyosin 4 Protein (His Tag) SDS-PAGE