# Human Thrombopoietin/THPO (His Tag) recombinant protein

Catalog Number: 501663



#### **General Information**

## Gene Name Synonym

C-mpl ligand; Megakaryocyte colony-stimulating factor; Megakaryocyte growth and development factor; Myeloproliferative leukemia virus oncogene ligand

#### **Protein Construction**

A DNA sequence encoding the human THPO (NP\_000451.1) (Met1-Gly353) was expressed with a polyhistidine tag at the C-terminus.

### **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 90 % as determined by SDS-PAGE.

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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

Ser 22

#### Molecular Mass

The recombinant human THPO consists of 343 amino acids and predicts a molecular mass of 36.9 kDa

#### **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**

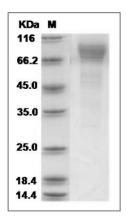
#### Storage

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**



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