# Human PHPT1 (His Tag) recombinant protein

Catalog Number: 500436



# **General Information**

# Gene Name Synonym

Phosphohistidine phosphatase 1; Protein janus-A homolog

#### **Protein Construction**

A DNA sequence encoding the human PHPT1 (Q9NRX4-1) (Ala 2-Tyr 125) was expressed, with a polyhistidine tag at the N-terminus.

# **Organism**

Human

# **Expression Host**

E. coli

# **QC Testing**

# **Purity**

> 97 % 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**

Met

### **Molecular Mass**

The recombinant human PHPT1 consisting of 135

amino acids and has a calculated molecular mass of 15.2 kDa as estimated 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**

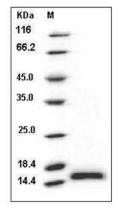
#### **Storage**

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 PHPT1 / PHP14 Protein (His Tag) SDS-PAGE