# **Human PNP (His Tag) recombinant protein**

Catalog Number: 501336



# **General Information**

### **Gene Name Synonym**

Inosine phosphorylase; Inosine-guanosine phosphorylase

#### **Protein Construction**

A DNA sequence encoding the human PNP (P00491) (Met 1-Ser 289) was fused with a polyhistide tag at the C-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 PNP consisting of 299

amino acids and has a calculated molecular mass of 33.5 kDa as estimated in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, 25% glycerol, pH 7.5 1. 5 % trehalose and mannitol are added as

- protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

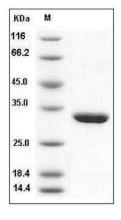
#### **Storage**

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 Purine nucleoside phosphorylase / PNP Protein (His Tag) SDS-PAGE