# **Human ENPP5 (His Tag) recombinant protein**

Catalog Number: 500827



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the human ENPP5 (Q9UJA9) (Met1-Gly429) with a C-terminal polyhistidine tag was expressed.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 96 % 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 $^{\circ}$ C

#### Predicted N terminal

Pro 25

### **Molecular Mass**

The recombinant human ENPP5 is a disulfidelinked homodimer. The reduced monomer comprises 416 amino acids and has a predicted molecular mass of 48.1 kDa. The apparent molecular mass of the protein is approximately 81 kDa 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**

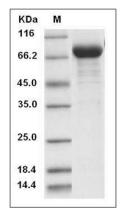
# **Storage**

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 ENPP5 Protein (His Tag) SDS-PAGE