Catalog Number: 501022



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the mouse ENPP7 (Q3TIW9) (Met 1-Gln 421) was expressed, with a polyhistidine tag at the C-terminus.

#### Organism

Mouse

## **Expression Host**

Human Cells

## **QC Testing**

#### Purity

> 90 % 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**

Ala 22

## **Molecular Mass**

The secreted recombinant mouse ENPP7 consists of 411 amino acids and has a calculated molecular mass of 47 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile 20mM Tris, 150mM NaCl, pH 7.6

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**

KDa	м	
116	-	
66.2	-	-
45.0	-	
35.0	-	
25.0	-	
18.4		
14.4	-	

Mouse ENPP7 / NPP-7 Protein (His Tag) SDS-PAGE