Catalog Number: 504662



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the mature form of mouse ART4 (EDL10575.1) (Met1-Lys 263) was expressed, with a C-terminal polyhistidine tag.

#### Organism

Mouse

#### **Expression Host**

Human Cells

## **QC Testing**

### Purity

> 92 % 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**

Gly 24

### **Molecular Mass**

The recombinant mouse ART4 consists of 251 amino acids and predicts a molecular mass of 28.2 KDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmART4 is approximately 40-45 KDa as a result of glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

## **Usage Guide**

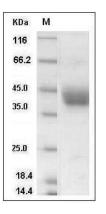
#### Storage

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



Mouse ART4 / CD297 Protein (His Tag) SDS-PAGE