# **Human CANT1 (His Tag) recombinant protein**

Catalog Number: 501560



## **General Information**

#### **Gene Name Synonym**

Apyrase homolog; Putative MAPK-activating protein PM09; Putative NF-kappa-B-activating protein 107

#### **Protein Construction**

A DNA sequence encoding the human CANT1 (Q8WVQ1-1) extracellular domain (Gly 80-Ile 401) was fused with polyhistidine tag at the N-terminus.

## **Organism**

Human

### **Expression Host**

**Human Cells** 

## **QC Testing**

## **Purity**

> 88 % 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

His

#### **Molecular Mass**

The recombinant human CANT1 consists of 342 amino acids and has a calculated molecular mass of 38 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CANT1 is approximately 40kDa.

#### **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**

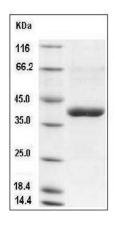
## **Storage**

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 CANT1 Protein (His Tag) SDS-PAGE