# **Human CAPG / AFCP recombinant protein**

Catalog Number: 500801



## **General Information**

## **Gene Name Synonym**

Actin regulatory protein CAP-G

#### **Protein Construction**

A DNA sequence encoding human CAPG(AAH14549.1) (Met1-Lys348) was expressed.

## **Organism**

Human

## **Expression Host**

E. coli

## **QC Testing**

## **Purity**

> 95 % 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  $^{\circ}\text{C}$ 

#### **Predicted N terminal**

Met.

#### **Molecular Mass**

The recombinant human CAPG consists of 348

amino acids and predicts a molecular mass of 38.5 KDa. It migrates as an approximately 43 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile 20mM tris, 10% glycerol, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

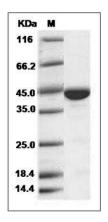
## **Storage**

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 CAPG / AFCP Protein SDS-PAGE