# **Human CDC42 (GST Tag) recombinant protein**

Catalog Number: 501214



### **General Information**

# Gene Name Synonym

G25K GTP-binding protein

#### **Protein Construction**

A DNA sequence encoding the mature form of human CDC42 isoform 2 (P60953-2) (Met 1-Cys 188) was fused with the GST tag at the N-terminus.

# **Organism**

Human

#### **Expression Host**

E. coli

# **QC Testing**

#### **Purity**

> 85 % 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 CDC42/GST chimera

consists of 423 amino acids and has a predicted molecular mass of 48.1 kDa. It migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile 20mM Tris, 0.15M NaCl, 0.5mM GSH, 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**

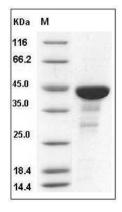
#### Storage

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 CDC42 / G25K Protein (GST Tag) SDS-PAGE