# **Human HCST / DAP10 (Fc Tag) recombinant protein**

Catalog Number: 500253



### **General Information**

### **Gene Name Synonym**

DNAX-activation protein 10; Membrane protein DAP10; Transmembrane adapter protein KAP10

#### **Protein Construction**

A DNA sequence encoding the human HCST (Q9UBK5-1) (Met-Pro48) was fused with Fc region of mouse IgG at the C-terminus.

# Organism

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

(67.3+28) % 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

Gln 19

#### **Molecular Mass**

The recombinant human HCST/mFc is a disulfide-linked homodimer. The reduced monomer comprises 264 amino acids and has a predicted molecular mass of 29.3 kDa. The apparent molecular mass of the protein is approximately 34 in SDS-PAGE under reducing conditions.

#### **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**

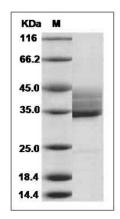
## **Storage**

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 HCST / DAP10 Protein (Fc Tag) SDS-PAGE