# **Human CCL5/RANTES (His & mucin Tag)** recombinant protein

Catalog Number: 502592



#### General Information

#### **Protein Construction**

A DNA sequence encoding the human RANTES (NP\_002976.2) (Met 1-Ser 91) was fused with the C-terminal polyhistidine-tagged human Fractalkine mucin-stalk (Phe 101-Gln 341) at the C-terminus.

#### **Organism**

Human

### **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 95 % 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**

Ser 24

#### **Molecular Mass**

The recombinant human RANTES/Mucin stalk chimera consists of 318 amino acids and has a predicted molecular mass of 34 kDa. In SDS-PAGE

under reducing conditions, the apparent molecular mass of rh RANTES/Mucin stalk chimera is approximately 50-80 kDa due to glycosylation.

#### **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**

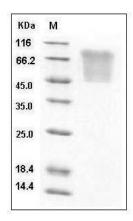
#### **Storage**

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 CCL5 / RANTES Protein (His & mucin Tag) SDS-PAGE