

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



Catalog Number: 502592

## General Information

### Gene Name Synonym:

### 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.

**Source:**Human

**Expression Host:**Human Cells

## QC Testing

### Activity:

### 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

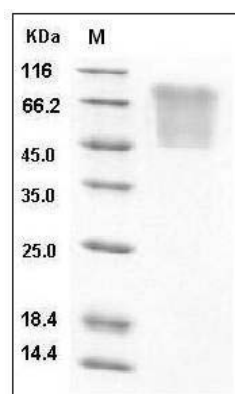
### Storage:

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