

Recombinant Mouse CCL5/RANTES Protein

Catalog No.: RP02719 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	20304	P30882

Tags

N-hFc

Synonyms

MuRantes; SIS-delta; Scya5; Ccl5; D17S136E; eoCP; RANTES; SCYA5; SISd; TCP228; CCL5

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Calculated MW	Observed MW
35.2 kDa	40-45 kDa

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation


Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Background

The CCR5 and the CCL5 ligand have been detected in some hematological malignancies, lymphomas, and a great number of solid tumors, but extensive studies on the role of the CCL5/CCR axis were performed only in a limited number of cancers.

Basic Information

Description

Recombinant Mouse CCL5/RANTES Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser24-Ser91) of Mouse CCL5/RANTES (Accession #) fused with hFc tag at the N-terminal.

Bio-Activity

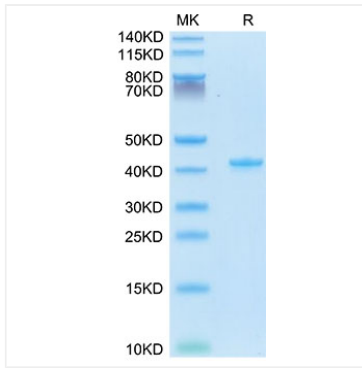
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

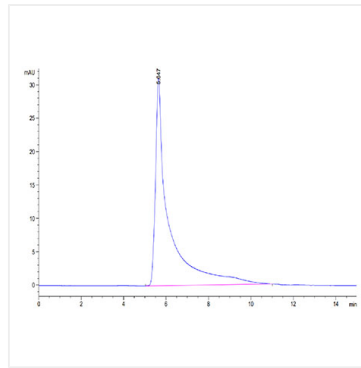
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Mouse CCL5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Mouse CCL5 is greater than 95% as determined by SEC-HPLC.