ABclonal®

Recombinant Mouse CCL5/RANTES Protein

Catalog No.: RP02719 Recombinant

Sequence Information

Species Gene ID Swiss Prot HEK293 cells 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.

Endotoxin

 $< 1 EU/\mu g$ of the protein by 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

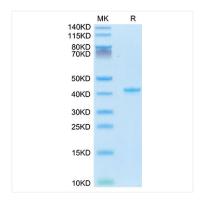
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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

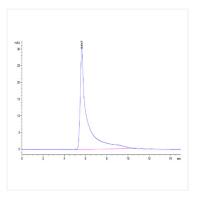
Avoid repeated freeze/thaw cycles.

^{*} For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant Mouse CCL5/RANTES Protein was determined by Tris-Bis PAGE under reducing conditions.



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