

HUMAN CCL5 PROTEIN

Cat.#: 12099

Product Name: Human CCL5 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: C-C Motif Chemokine 5;EoCP;Eosinophil Chemotactic Cytokine;SIS-Delta;Small-Inducible Cytokine A5;T Cell-Specific Protein P228;TCP228;T-Cell-Specific Protein RANTES;CCL5;D17S136E;SCYA5

Target: CCL5

UNIPROT ID: P13501

Description: Recombinant Human C-C Motif Chemokine 5 is produced by our E.coli expression system and the target gene encoding Ser24-Ser91 is expressed.

Background: Human Chemokine (C-C Motif) Ligand 5 (CCL5) plays an active role in recruiting leukocytes into inflammatory sites. CCL5 is secreted by many cell types at inflammatory sites and it exerts a wide range of activities through the receptors CCRI, CCR3, CCR4, and CCR5. N-Terminal truncated CCL5/RANTES, Met-RANTES, and amino-oxypentane (AOP)-RANTES exhibit antagonist or partial agonist functions on their receptors. CCL5/RANTES attracts different subtypes of leukocytes into inflamed tissue and intervenes in a wide range of allergic and autoimmune diseases.

Species/Host: E.coli

Molecular Weight: 7.8 KDa

Molecular Characterization: Not available

Purity: Greater than 95% as determined by reducing SDS-PAGE.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

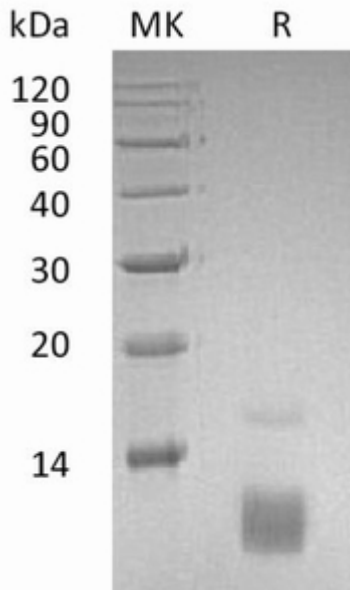


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.