

Rantes, 24-91 aa, Human, Recombinant, E.coli

Cat.NO.: TP03673

3th Edition

Synonyms: Small inducible cytokine A5, CCL5, D17S136E, SCYA5, SISd, TCP228.

Description: Rantes, also known as CCL5, is the protein classified as a chemotactic cytokine or chemokine. This protein is a chemotactic for blood monocytes, memory T helper cells, eosinophils and basophils, and plays an active role in recruiting leukocytes into inflammatory sites. Rantes also induces the proliferation and activation of certain natural-killer (NK) cells to form CHAK (CC-Chemokine-activated killer) cells.

Form: Liquid. In 10 mM Sodium Citrate (pH 3.5) containing 10% Glycerol.

Molecular Weight: 7.9 kDa (69aa)

Sequences:

MSPYSSDTPCCFAYIARPLPRAHIKEYFYTSGKCSNPAVVFVTRKNRQVCANPEKKWVREYINSLEMS

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.