

RANTES/CCL5, Human, Recombinant

Cat. No. : PCK114

General Information

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
Species	Human
Expression host	E.coli
Sequence	Ser24-Ser91
Accession	P13501
Mol mass	7.8 kDa
Expiration date	12 months

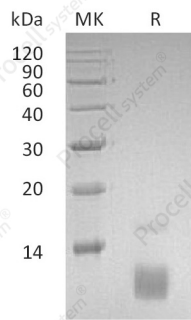
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Citrate, 6% Trehalose, 4% Mannitol, 0.05% Tween 80, pH 4.0.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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 CCR1, CCR3, CCR4, and CCR5. N-Terminal truncated CCL5/RANTES, Met-RANTES, and amino-oxy-pentane (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.

SDS-PAGE



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