

Active Recombinant Human CCL5 Protein, Tag Free

Cat. No. CCL5-11029H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCL5/RANTES Protein, Tag Free is expressed from E. coli cells. It contains AA Ser 24 - Ser 91 (Accession # P13501-1). This protein carries no "tag". Predicted N-terminus: Ser 24
Species	Human
Source	E. coli
ProteinLength	24-91 aa
Description	C-C chemokine ligand 5 (CCL5), also known as RANTES, is a target gene of NF-kappaB, and is expressed by T lymphocytes, macrophages, platelets, synovial fibroblasts, tubular epithelium, and certain types of tumour cells. CCL5 plays a role in recruiting a variety of leukocytes into inflammatory sites including T cells, macrophages, eosinophils, and basophils. CCL5 activity is mediated through its binding to CCR1, CCR3, and mainly CCR5.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human CCL5/RANTES Protein, Tag Free at 5 µg/mL (100 µL/well) can bind Human CCR2 Full Length Protein, Flag, His Tag with a linear range of 0.005-0.313 µg/mL.
Molecular Mass	The protein has a calculated MW of 7.9 kDa. The protein migrates as 8-9 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R)

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	condition (SDS-PAGE).
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	CCL5 chemokine (C-C motif) ligand 5 [Homo sapiens (human)]
Official Symbol	CCL5
Synonyms	CCL5; chemokine (C-C motif) ligand 5; D17S136E, SCYA5, small inducible cytokine A5 (RANTES); C-C motif chemokine 5; beta chemokine RANTES; MGC17164; RANTES; regulated upon activation; normally T expressed; and presumably secreted; SIS delta; SISd; small inducible cytokine subfamily A (Cys Cys); member 5; T cell specific protein p288; T cell specific RANTES protein; TCP228; eoCP; SIS-delta; beta-chemokine RANTES; small-inducible cytokine A5; T-cell specific protein p288; t cell-specific protein P228; T-cell-specific protein RANTES; eosinophil chemotactic cytokine; small inducible cytokine A5 (RANTES); small inducible cytokine subfamily A (Cys-Cys), member 5; regulated upon activation, normally T-expressed, and presumably secreted; SCYA5; D17S136E;
Gene ID	6352

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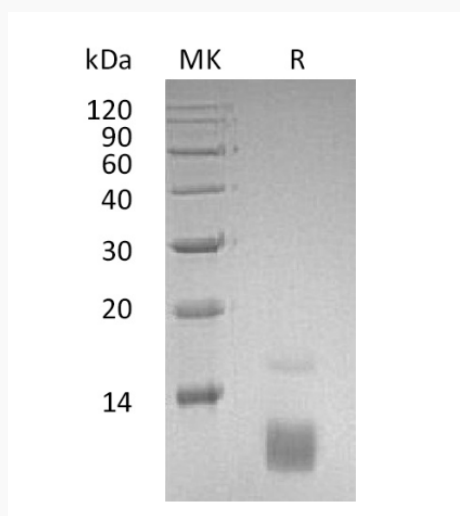
mRNA Refseq [NM_002985](#)

Protein Refseq [NP_002976](#)

MIM [187011](#)

UniProt ID [P13501](#)

SDS-PAGE.



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