



# Human CCL5 peptide (DAG328)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Human CCL5 is a single, non-glycosylated polypeptide containing 68 amino acids and having a molecular mass of 7809.2 Da. The sequence of the first five N-terminal amino acids was determined to be Ser-Pro-Tyr-Ser-Ser.
<b>Antigen Description</b>	Chemokine (C-C motif) ligand 5 (also CCL5) is a protein which in humans is encoded by the CCL5 gene. It is also known as RANTES (Regulated upon Activation, Normal T-cell Expressed, and Secreted).
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	The ED50 range is 5.0–20 ng/ml as determined by the dose dependent chemotaxis of THP-1 cells.
<b>Format</b>	Purified, Lyophilized; Reconstitute using sterile deionized water to a concentration 100 µg/ml. Further dilutions can be made in other aqueous buffers.
<b>Concentration</b>	1 mg/ml (OD280nm) (prior to lyophilization)
<b>Buffer</b>	Lyophilized from water containing no additives.
<b>Preservative</b>	None
<b>Storage</b>	2–8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	This is an antibody fragment consisting of a single monomeric variable antibody domain directed to CCL5. Nanobody, with a molecular weight of only 12–15 kDa, is able to bind selectively to a specific antigen like a whole antibody.
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**Keywords**

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 i

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## GENE INFORMATION

**Entrez Gene ID**[6352](#)**UniProt ID**[D0EI67](#)