

## Recombinant Human CCL5 Protein, Biotin-tagged

Cat. No. CCL5-57H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CCL5 Protein, fused to Biotin-tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>This gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, functions as a chemoattractant for blood monocytes, memory T helper cells and eosinophils. It causes the release of histamine from basophils and activates eosinophils. This cytokine is one of the major HIV-suppressive factors produced by CD8+ cells. It functions as one of the natural ligands for the chemokine receptor chemokine (C-C motif) receptor 5 (CCR5), and it suppresses in vitro replication of the R5 strains of HIV-1, which use CCR5 as a coreceptor. Alternative splicing results in multiple transcript variants that encode different isoforms.</p>
<b>AA Sequence</b>	SPYSSDTTPC CFAYIARPLP RAHIKEYFYT SGKCSNPAVV FVTRKNRQVC ANPEKKWVRE YINSLEMS + Linker
<b>tmpcolumn67</b>	C-C motif chemokine ligand 5
<b>Conjugation</b>	Biotin

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



## GENE INFORMATION

<b>Gene Name</b>	CCL5 C-C motif chemokine ligand 5 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CCL5
<b>Synonyms</b>	SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta
<b>Gene ID</b>	6352
<b>mRNA Refseq</b>	NM_002985
<b>Protein Refseq</b>	NP_002976
<b>MIM</b>	187011
<b>UniProt ID</b>	P13501

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA