# Recombinant Human CCL28

**Cat. No.** CCL28-27825TH **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant full length protein, corresponding to amino acids 1-108 of Human CCL28 (12.3 kDa) |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-108 a.a. |
| **Description** | This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs. |
| **Tissue specificity** | Preferentially expressed by epithelial cells of diverse tissues including normal and pathological colon, salivary gland, mammary gland, trachea and rectum. Also found in prostate, spleen, thyroid, psoriasis skin and in lower levels in peripheral blood leu |
| **Form** | Lyophilised:Reconstitute to 1mg/ml with distilled water. |
| **Purity** | >95% by SDS-PAGE |

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| **Storage** | The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. |
| **Sequences of amino acids** | SEAILPIASS CCTEVSHHIS RRLLERVNMC RIQRADGDCD LAAVILHVKR RRICVSPHNH TVKQWMKVQA AKKNGKGNVC HRKKHHGKRN SNRAHQGKHE TYGHKTPY |
| **Sequence Similarities** | Belongs to the intercrine beta (chemokine CC) family. |
| **Full Length** | Full L. |

## GENE INFORMATION

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| **Gene Name** | CCL28 chemokine (C-C motif) ligand 28 [ Homo sapiens ] |
| **Official Symbol** | CCL28 |
| **Synonyms** | CCL28; chemokine (C-C motif) ligand 28; C-C motif chemokine 28; CC chemokine CCL28; CCK1; MEC; mucosae associated epithelial chemokine; SCYA28; small inducible cytokine A28; small inducible cytokine subfamily A (Cys Cys); member 28; |
| **Gene ID** | 56477 |
| **mRNA Refseq** | NM_148672 |
| **Protein Refseq** | NP_683513 |
| **MIM** | 605240 |
| **Uniprot ID** | Q9NRJ3 |

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| **Chromosome Location** | 5p12 |
| **Pathway** | Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; |
| **Function** | chemokine activity; |

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