

Recombinant Human CCL28

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

SPECIFICATION

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 RLLERVNMC RIQRADGDCD LAAVILHVKR RRICVSPHNH TVKQWMKVQA AKKNGKGNVC HRKKHHGKRN SNRAHQGKHE TYGHKTPY
Sequence Similarities	Belongs to the intercrine beta (chemokine CC) family.
Full Length	Full L.
GENE INFORMATION	
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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