



Recombinant Human MEC (CCL28)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-246
Size:	20 µg
Lot. No.:	According to product label

Sequence

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SEAILPIASS CTEVSHHIS RLLERVNMC RIQRADGDCD  
LAAVILHVKR RRICVSPHNH TVKQWMKVQA AKKNGKGNVC  
HRKKHHGKRN SNRAHQGKHE TYGHKTPY
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Database References

Protein RefSeq:	NP_683513.1
Uniprot ID:	Q9NRJ3
mRNA RefSeq:	NM_148672

Scientific Background

Gene-ID (NCBI):	56477
Synonyms:	CCL28; MEC; CCK1; SCYA28

MEC is a secreted CC chemokine expressed primarily by epithelial cells of the bronchioles, salivary gland, mammary gland and colon. MEC signals through the CCR10 receptor and chemoattracts resting CD4, CD8 T-cells and eosinophils. MEC contains six cysteines including the four highly conserved cysteine residues present in CC chemokines. Recombinant human MEC is a 12.3 kDa protein containing 108 amino acid residues.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	108
MW:	12.3 kDa

Biological Activity: Determined by its ability to chemoattract human lymphocytes using a concentration range of 1.0-10.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!