

MEC/CCL28, murine recombinant

CATALOG #:	7171-10	10 µg
	7171-50	50 µg
ALTERNATE NAMES:	Mucosae-associated Epithelial Chemokine, CCL28, CCK-1	
SOURCE:	E. Coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	12.6 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/µg of protein (<1EU/µg).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM Sodium Citrate, pH 4.0.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

DESCRIPTION:

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 murine MEC is a 12.6 kDa protein containing 111 amino acid residues.

BIOLOGICAL ACTIVITY:

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

AMINO ACID SEQUENCE:

SEAILPMASS CCTEVSHHVS GRLLERVSSC SIQRADGDGCD LAAVILHVKR
RRICISPHNR TLKQWMRASE VKKNGRENVG SGKKQPSRKD RKGHTTRKHR
TRGTHRHEAS R

RELATED PRODUCTS:

- MEC/CCL28, human recombinant (**Cat # 7170-10, -50**)
- MDC, human recombinant (**Cat # 4617-20, -100, -1000**)
- MCP-1 (MCAF), human recombinant (**Cat # 4222-20, -100, -1000**)
- MCP-1 (MCAF), rat recombinant (**Cat # 4224-10, -1000**)
- MCP-2, human recombinant (**Cat # 4225-10, -1000**)
- MCP-2, murine recombinant (**Cat # 4226-10, -1000**)
- MCP-3, human recombinant (**Cat # 4228-10, -1000**)
- MCP-3, murine recombinant (**Cat # 4229-10, -1000**)
- MCP-4, human recombinant (**Cat # 4231-10, -1000**)

FOR RESEARCH USE ONLY! Not to be used in humans.

