

## MEC/CCL28 Protein, Human

<b>Cat. No.:</b>	HY-P7250
<b>Synonyms:</b>	rHuMEC/CCL28; C-C motif chemokine 28; SCYA28
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Accession:</b>	Q9NRJ3 (S20-Y127)
<b>Gene ID:</b>	56477
<b>Molecular Weight:</b>	Approximately 12.4 kDa

### PROPERTIES

<b>AA Sequence</b>	S E A I L P I A S S    C C T E V S H H I S    R R L L E R V N M C    R I Q R A D G D C D L A A V I L H V K R    R R I C V S P H N H    T V K Q W M K V Q A    A K K N G K G N V C H R K K H H G K R N    S N R A H Q G K H E    T Y G H K T P Y
<b>Biological Activity</b>	Full biological activity determined by a chemotaxis bioassay using human lymphocytes is in a concentration range of 1.0-10.0 ng/ml.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized after extensive dialysis against 20 mM PB, pH 7.4, 130 mM NaCl.
<b>Endotoxin Level</b>	<1 EU/μg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 μg/mL in sterile distilled water or aqueous buffer containing 0.1% BSA.
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	Human MEC/CCL28 is a CC chemokine primarily expressed in thymic dendritic cells and mucosal epithelial cells, and plays a key role in the segregation and the compartmentalization of the mucosal immune system through recruitment of immune cells to specific locations. CCL28 also called mucosae-associated epithelial chemokine (MEC), is expressed in most human, mouse and pig mucosal tissues including the salivary gland, mammary gland (MG), small and large intestines and trachea, where it appears to be predominantly produced by epithelial cells <sup>[1]</sup> .
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## REFERENCES

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[1]. Meurens F, et al. Expression of mucosal chemokines TECK/CCL25 and MEC/CCL28 during fetal development of the ovine mucosal immune system. Immunology. 2007 Apr;120(4):544-55.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA