

Recombinant Human Mucosae-associated Epithelial Chemokine/CCL28 (Human MEC/CCL28)

Product Information

Product Name	Cat#	Size
Recombinant Human Mucosae-associated Epithelial Chemokine/CCL28 (Human MEC/CCL28)	90973ES08	5 µg
	90973ES60	100 µg
	90973ES76	500 µg

Product 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 Human MEC is a 12.3 kDa protein containing 108 amino acid residues.

Product Properties

Synonyms	CCK1
Accession	Q9NRJ3
GeneID	56477
Source	E.coli-derived Human MEC/CCL28 protein,Ser20-Try172.
Molecular Weight	Approximately 12.4 kDa.
AA Sequence	SEAILPIASS CTEVSHHIS RLLERVNMC RIQRADGDCD LAAVILHVKR RRICVSPHNH TVKQWMKVQA AKKNGKGNVC HRKKHHGKRN SNRAHQGKHE TYGHKTPY
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 97% by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human lymphocytes is in a concentration range of 1.0-10.0 ng/mL
Endotoxin	<1 EU/µg of protein as determined by LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. Avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.