

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

Product Information

Product Name	Cat#	Size
Recombinant Rat Mucosae-associated Epithelial Chemokine/CCL28 (Rat MEC/CCL28)	91005ES08	5 µg
	91005ES60	100 µg
	91005ES76	500 µg

Product Description

CCL28 (CC chemokine ligand 28), as know as mucosae-associated epithelial chemokine (MEC), is a novel CC chemokine. Among CC chemokines, CCL28 shares the most homology with CCL27/CTACK. The CCL28 gene has been mapped to the distal region of chromosome 13. CCL28 is produced by epithelial cells of diverse tissues including normal and pathological colon, salivary gland, mammary gland, trachea and rectum . The protein signals through CCR3 and CCR10, and chemotactic for resting CD4, CD8 T-cells and eosinophils.

Product Properties

Synonyms	CCK1
Accession	G3V896
Source	E.coli-derived Rat MEC/CCL28, Ser20-Arg135.
Molecular Weight	Approximately 13.1 kDa.
AA Sequence	SEAILPIASS CCTEVSHHIP RLLERVNSC SIQRADGDCD LAAVILHVKR RRICVSPHNP TLKRWMSASE MKNGKENLCP RKKQDSGKDR KGHTPRKHGK HGTRRIHGTH DHEAPR
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 96% by SDS-PAGE and HPLC analyses.
Biological Activity	The biologically active determined by a chemotaxis bioassay using human lymphocytes is in a concentration range of 5.0-50 ng/mL. Fully biologically active when compared to standard.
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 200 mM NaCl. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
Reconstitution	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 mad e 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!