

Growth Factor Data Sheet

GoldBio growth factors are manufactured for **RESEARCH USE ONLY** and cannot be sold for human consumption!

CCL17 is a chemokine containing four conserved cysteine residues, two of which are adjacent. It is expressed constitutively in the thymus and lymph nodes and transiently in peripheral blood mononuclear cells that have been induced by phytohemagglutinin. It is chemotactic for T-cells and plays a role in T-cell development trafficking, and activation. CCL17 promotes atherosclerosis by restricting the maintenance of regulatory T-cells, thereby limiting their expansion. It is a ligand for CCR4, CCR8, and the erythrocyte receptor ACKR1.

Catalog Number	2340-17
Product Name	CCL17, Murine Recombinant Murine Chemokine (C-C motif) Ligand 17 (CCL17) Thymus and Activation Regulated Chemokine (TARC) Small Inducible Cytokine Subfamily A Member 17 (SCYA17)
Source	<i>Escherichia coli</i>
MW	~7.9 kDa (70 amino acids)
Sequence	ARATNVGREG CLDYFKGAIP IRKLVSWEYKT SVECSRDAIV FLTVQGKLC ADPKDKHVKK AIRLVKNRP
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 T-lymphocytes is in a concentration of 1.0-10 ng/ml.
Formulation	Sterile filtered white lyophilized powder. Purified and tested for use in cell culture.
Storage/Handling	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage. The reconstituted sample can be apportioned into working aliquots and stored at -80 °C for up to 6 months. Avoid repeated freeze/thaw cycles.
Reconstitution	The sample should be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in a siliconized tube using PBS that contains a 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Reconstituted solutions are stable for up to one week at 2-8°C. Stock solutions should be aliquoted and stored at -80°C. Further dilutions should be made in appropriate buffered solutions containing BSA or serum.