

Cxcl17

Recombinant Rat CXCL17

Catalog No.	CS515A CS515B CS515C	Quantity:	2 µg 10 µg 1 mg
Alternate Names:	chemokine (C-X-C motif) ligand 17,		
Description:	Chemokine (C-X-C motif) ligand 17 (CXCL17) is a small cytokine belonging to the CXC chemokine family that has been identified in humans and mice. CXCL17 attracts dendritic cells and monocytes and is regulated in tumors. It is also known as VEGF co-regulated chemokine 1 (VCC-1) and dendritic cell- and monocyte-attracting chemokine-like protein (DMC). This chemokine is constitutively expressed in the lung. Recombinant Rat CXCL17 is a single non-glycosylated polypeptide chain containing 97amino acids.		
Gene ID:	308436		
Source:	<i>E. coli</i>		
Molecular Weight:	~11.5 kDa		
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in 2 × PBS, pH 7.4.		
Purity:	>97% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	<1 EU/µg as determined by LAL method.		
Biological Activity:	Fully biologically active when compared to standard. The ED ₅₀ determined by its ability to induce VEGF expression using mouse endothelial cells is less than 5.0 µg/ml.		
Specific Activity:	>200 IU/mg		
Amino Acid Sequence:	SPNQEVARRH GDQHQAPRRW LWEGGQECDC KDWSLRVSKR KTTAVLEPPR KQCPCDHVKG SEKNRRQKH HRKSQRPSRT CQQFLKRCQL ASFTLPL		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	The lyophilized protein is stable at 2-8°C. Upon receipt, store desiccated at -20°C. After reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. For long term storage of reconstituted protein, it is recommended that a carrier protein such as 0.1% BSA or HSA be added. This depends on the particular application. Avoid repeated freeze/thaw cycles.		

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