

CXCL17 Protein, Rat

Cat. No.:	HY-P71897
Synonyms:	C-X-C motif chemokine ligand 17; CXCL17
Species:	Rat
Source:	E. coli
Accession:	D4A875 (S23-L119)
Gene ID:	308436
Molecular Weight:	Approximately 11.5 kDa

PROPERTIES

AA Sequence	S P N Q E V A R H H G D Q H Q A P R R W L W E G G Q E C D C K D W S L R V S K R K T T A V L E P P R K Q C P C D H V K G S E K K N R R Q K H H R K S Q R P S R T C Q Q F L K R C Q L A S F T L P L
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to induce VEGF expression using murine endothelial cells is less than 5.0 µg/mL, corresponding to a specific activity of >200 IU/mg
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm solution of 50 mM Tris-HCL, 300 mM NaCl, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in sterile distilled water. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	C-X-C motif chemokine ligand 17 is a mucosal chemokine that attracts immature dendritic cells and blood monocytes to the lungs. C-X-C motif chemokine ligand 17 promotes tumorigenesis through an angiogenic activity. C-X-C motif chemokine ligand 17 exhibits strong antimicrobial activity against <i>E. coli</i> , <i>S. aureus</i> , <i>Salmonella</i> , <i>P. aeruginosa</i> , and <i>C. albicans</i> ^{[1][2][3][4][5]} .
-------------------	--

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

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