Datasheet for ABIN2017725

CXCL17 Protein

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Overview

Quantity:	1 mg
Target:	CXCL17
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	SPNQEVARHH GDQHQAPRRW LWEGGQECDC KDWSLRVSKR KTTAVLEPPR KQCPCDHVKG SEKKNRRQKH HRKSQRPSRT CQQFLKRCQL ASFTLPL
Characteristics:	Fully biologically active when compared to standard. The ED50 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.
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Sterility:	0.2 µm filtered
Endotoxin Level:	< 1 EU/µg of rRtVCC-1/CXCL17 as determined by LAL method.

Target Details

Target:	CXCL17
Alternative Name:	CXCL17 (CXCL17 Products)
Background:	Chemokine (C-X-C motif) ligand 17 (CXCL17) is a small cytokine belonging to the CXC

Target Details

	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. Synonyms: Protein Cxcl17, Cxcl17, RGD1304717, C-X-C motif chemokine 17, VEGF co-regulated chemokine 1, Vcc1, VCC-1
Molecular Weight:	11.5 kDa, a single non-glycosylated polypeptide chain containing 97 amino acids.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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.
Buffer:	Lyophilized from a 0.2 µm filtered concentrated solution in 2 x PBS, pH 7.4.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon 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 -70 °C.