

Recombinant Human CXCL17/VCC1 Protein

Catalog No.: RP03286 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	284340	Q6UXB2

Tags

C-His

Synonyms

CXCL17; VCC1; UNQ473; PR0842; DMC;
C-X-C motif chemokine 17; VCC-1; Dcip1

Product Information

Source	Purification
Yeast	> 90% by SDS-PAGE.

Calculated MW	Observed MW
12.7 kDa	12-18 kDa

Endotoxin

Please contact us for more information.


Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

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. CXCL17 plays a functional role in maintaining homeostasis at mucosal barriers. And the expression of CXCL17 is associated with both disease progression and protection in various diseases.

Basic Information

Description

Recombinant Human CXCL17/VCC1 Protein is produced by Yeast expression system. The target protein is expressed with sequence (Leu24-Leu119) of human CXCL17/VCC1 (Accession #NP_940879.1) fused with His tag at the C-terminus.

Bio-Activity

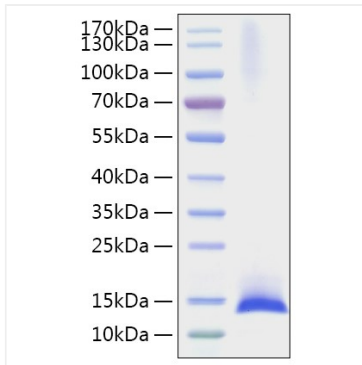
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human CXCL17/VCC1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 12-18 kDa.