

Recombinant Human VEGF Co-regulated Chemokine 1/CXCL17

Product Information

Cat

CGF-018

Product Name

Recombinant Human VEGF Co-regulated Chemokine 1/CXCL17

Synonyms

Q6UXB2

GenelD

284340

Source

Escherichia coli.

Molecular Weight

Approximately 11.5 kDa, a single non-glycosylated polypeptide chain containing 98 amino acids.

AA Sequence

SSLNPGVARG HRDRGQASRR WLQEGGQECE CKDWFLRAPR RKFMTVSGLP KKQCPCDHFK
GNVKKTRHQR HHRKPNKHSR ACQQFLKQCQ LRSFALPL

Purity

> 96 % by SDS-PAGE and HPLC analyses.

Biological Activity

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.

Physical Appearance

Recombinant Human VEGF Co-regulated Chemokine 1/CXCL17

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4, with 3 % Trehalose.

Endotoxin

Less than 0.1 EU/µg of rHuVCC-1/CXCL17 as determined by LAL method.

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.

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Usage

This material is offered by Creative Biomart for research, For research and further manufacturing use only.
