

Human CXCL17 Recombinant Protein



RPPB1115

Product Information Protein Information

Product SKU:

RPPB1115

Accession:

Q6UXB2

Host:

Escherichia Coli.

Protein description:

CXCL17 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 98 amino acids and having a molecular mass of 11.5kDa. The CXCL17 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

VEGF coregulated chemokine 1, C-X-C motif chemokine 17, Dendritic cell and monocyte chemokine-like protein, DMC, CXCL17, VCC1, Dcip1, VCC-1, UNQ473.

Formulation:

CXCL17 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4, containing 3% Trehalose.

Purity:

Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CXCL17 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized CXCL17 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL17 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

SSLNPGVARG HRDRGQASRR WLQEGGQECE CKDWFLRAPR RKFMTVSGLP KKQCPCDHFH GNVKKTRHQR
HHRKPNKHSR ACQQFLKQCQ LRSFALPL.

Biological Activity:

The ED₅₀ as determined by its ability to induce VEGF expression using murine endothelial cells is less than 5.0µg/ml, corresponding to a specific activity of > 200IU/mg.