

# Rat CXCL17 Recombinant Protein



RPPB1117

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## Product Information   Protein Information

**Product SKU:**

RPPB1117

**Accession:**

D4A875

**Host:**

Escherichia Coli.

**Protein description:**

CXCL17 Rat Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 97 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:**

Protein Cxcl17, Cxcl17, RGD1304717, C-X-C motif chemokine 17, VEGF co-regulated chemokine 1, Vcc1, VCC-1.

**Formulation:**

CXCL17 protein was lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, 300mM NaCl, pH 7.4.

**Purity:**

Greater than 95.0% 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 H<sub>2</sub>O 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:**

SPNQEVARRHH GDQHQAPRRW LWEGGQECDC KDWSLRVSKR KTTAVLEPPR KQCPCDHVKG SEKNRRQKH  
HRKSQRPSRT CQQFLKRCQL ASFTLPL.

**Biological Activity:**

Measured by its ability to induce VEGF expression in mouse endothelial cells. The ED<sub>50</sub> for this effect is typically 1-5 µg/ml.