ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

VEGF Co-regulated Chemokine 1 Rat Recombinant

Item Number	rAP-0128
Synonyms	Protein Cxcl17, Cxcl17, RGD1304717, C-X-C motif chemokine 17, VEGF co-regulated chemokine 1, Vcc1, VCC-1.
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.
Uniprot Accesion Number	D4A875
Amino Acid Sequence	SPNQEVARHH GDQHQAPRRW LWEGGQECDC KDWSLRVSKR KTTAVLEPPR KQCPCDHVKG SEKKNRRQKH HRKSQRPSRT CQQFLKRCQL ASFTLPL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	CXCL17 protein was lyophilized from a 0.2μm filtered concentrated solution in 20mM PB, 300mM NaCl, pH 7.4. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
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.
Biological Activity	Measured by its ability to induce VEGF expression in mouse endothelial cells. The ED50 for this effect is typically 1-5 μg/ml.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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