ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

VEGF Co-regulated Chemokine 1 Human Recombinant

Item Number	rAP-0126
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.
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.
Uniprot Accesion Number	Q6UXB2
Amino Acid Sequence	SSLNPGVARG HRDRGQASRR WLQEGGQECE CKDWFLRAPR RKFMTVSGLP KKQCPCDHFK GNVKKTRHQR HHRKPNKHSR ACQQFLKQCQ LRSFALPL.
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 PBS, pH 7.4, containing 3% Trehalose. Greater than 97.0% 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	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.
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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