9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CXCL17 Human, His

VEGF Co-regulated Chemokine 1, His Tag Human Recombinant
CHK0023

Product Overview

Name	CXCL17 Human, His

Description

VEGF Co-regulated Chemokine 1, His Tag Human Recombinant

Accession (Primary)	Q6UXB2

Synonyms

Dcip1, DMC, MGC138300, UNQ473, VCC-1, VCC1, VEGF coregulated chemokine 1, C-X-C motif chemokine 17, Dendritic cell and monocyte chemokine-like protein.

Introduction

Dendritic cell and monocyte chemokinelike protein (DMC/CXCL17/VEGF-correlated chemokine 1/VCC1), is a secreted molecule with a size and predicted 3-dimensional folding pattern similar to that of chemokines CXCL8/IL8 and CXCL14/BRAK. CXCL17 is constitutively generated by airway and intestinal epithelium. CXCL17 induces the chemotaxis of quiescent, but not LPS-activated peripheral blood monocytes and dendritic cells, and it also binds these cells specifically. The expression of CXCL17 is increased in endothelial cells when they are induced to form tubes in vitro. CXCL17, CXCL1/GRO and CXCL8/IL8 which have roles in angiogenesis, show significantly correlated expression with that of VEGF in primary lung, breast and esophageal tumors. Therefore, CXCL17 is suggested to have a role in tumor angiogenesis. The mature Rat CXCL17 shares 82%, 71% amino acid sequence identity with mouse, human CXCL17, respectively.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

CXCL17 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

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Amino acid sequence

MGSSHHHHHH SSGLVPRGSH M SSLNPGVAR GHRDRGQASR RWLQEGGQEC ECKDWFLRAP RRKFMTVSGL PKKQCPCDHF KGNVKKTRHQ RHHRKPNKHS RACQQFLKQC QLRSFALPL.

Precautions

CXCL17 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6UXB2)