

Recombinant Canine CC Chemokine Ligand 20 (CCL20), N-His

Cat. No.: AP1C29

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Canine CC Chemokine Ligand 20 (CCL20), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is N/A. The purity is >97% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	<i>E.coli</i>
Purity	>97% (SDS-PAGE)
Endotoxin	< 1 EU/µg
Predicted Molecular Weight	N/A
Physical State	Lyophilized
Formulation	The buffer before lyophilization is PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Target Information

Canine CC chemokine ligand 20 (CCL20) is a chemokine that binds to the CCR6 receptor and is involved in chemotaxis and immune cell trafficking. It plays a role in antimicrobial humoral immune responses and is implicated in the recruitment of macrophages and hepatic stellate cells, contributing to inflammation and fibrosis. CCL20 is also a biomarker for several diseases, including IgA glomerulonephritis and skin papilloma.

Protein	Canine CC Chemokine Ligand 20 (CCL20)
Protein Synonym	CCL20; CKb4; LARC; MIP3-A; SCYA20; ST38; Small Inducible Cytokine Subfamily A (Cys-Cys)Member 20; Beta-Chemokine Exodus-1; Liver And Activation-Regulated Chemokine
Gene ID	448790
UniProt ID	Q68AP1

Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at < -80°C for 12 months.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.