

Recombinant Swine C-C Motif Chemokine (CCL20), N-His

Cat. No.: AP9C752

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Swine C-C Motif Chemokine (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	Swine
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

Swine C-C motif chemokine 20 (CCL20) is a member of the beta chemokine subfamily that specifically binds to the CCR6 receptor. It is instrumental in guiding the migration of immature dendritic cells and T cells, playing a pivotal role in immune responses, inflammation, and the recruitment of specific immune cells to sites of infection or injury.

Protein	Swine C-C Motif Chemokine (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 C hemokine
Gene ID	553951
UniProt ID	A0A4X1U1VZ

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.