

Recombinant Bovine C-X-C Motif Chemokine 11 (CXCL11), N-His

Cat. No.: AP4C551

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Bovine C-X-C Motif Chemokine 11 (CXCL11), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 12.5 kDa. The purity is > 97%.

Specifications

Type	Recombinant Protein
Species	Bovine
Expression System	<i>E.coli</i>
Purity	> 97%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	12.5 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Bovine C-X-C Motif Chemokine 11 (CXCL11) is a chemokine involved in immune responses and inflammation. It primarily attracts T cells and natural killer (NK) cells to sites of infection or inflammation. CXCL11 binds to CXCR3 and CXCR7, influencing cell migration and immune cell activation. In bovine systems, CXCL11 plays a role in the immune response to infections and may be involved in the regulation of inflammation. Its expression can be induced by interferons, highlighting its importance in antiviral responses. CXCL11 has also been implicated in various diseases, including cancer, where it can influence tumor progression and immune evasion.

Protein	Bovine C-X-C Motif Chemokine 11 (CXCL11)
Protein Synonym	Small-inducible cytokine B11
Gene ID	516104
EC No.	A9QWQ1

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

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