

Recombinant Bovine Chemokine (C-X-C motif) Ligand 10

Cat. No. CXCL10-133B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine CXCL10 protein was expressed in Yeast and purified by using Ion-exchange chromatography, 9.3 kDa (83 aa).
Species	Bovine
Source	Yeast
Description	Chemokine (C-X-C motif) ligand 10 (CXCL10) or IP-10 is a small cytokine belonging to the CXC chemokine family that is also known as 10 kDa interferon-gamma-induced protein (γ-IP10 or IP-10). CXCL10 is secreted by several cell types in response to IFN-γ. These cell types include monocytes, endothelial cells and fibroblasts.
Sequences Of Amino Acids	VPLSRNTRCS CIEISNGSVN PRSLEKLEVI PASQSCPRVE IIATMKKNGE KRCLNPESKT IKNLLKAINK QRTKRSPRTR KEA.
Formulation/ Reconstitution	Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Purity	>95% as visualized by SDS-PAGE analysis.
Purification	Ion-exchange chromatography.
Biological Activity	In testing.
Storage	Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3

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months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

Pathways

Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; RIG-I-like receptor signaling pathway; Toll-like receptor signaling pathway

GENE INFORMATION

Gene Name CXCL10 chemokine (C-X-C motif) ligand 10 [Bos taurus]

Synonyms CXCL10; chemokine (C-X-C motif) ligand 10; MGC137238; C-X-C motif chemokine 10; small-inducible cytokine B10; gamma interferon inducible protein 10

Gene ID 615107

mRNA Refseq [NM_001046551](#)

Protein Refseq [NP_001040016](#)

UniProt ID Q2KIQ8

Chromosome Location 6

Function chemokine activity

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