

Recombinant Bovine Chemokine (C-X-C motif) Ligand 9

Cat. No. CXCL9-135B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine CXCL9 protein was expressed in Yeast and purified by using Ion-exchange chromatography, 11.9 kDa (104 aa).
Species	Bovine
Source	Yeast
Description	Chemokine (C-X-C motif) ligand 9 (CXCL9) is a small cytokine belonging to the CXC chemokine family that is also known as Monokine induced by gamma interferon (MIG). CXCL9 is a T-cell chemoattractant, which is induced by IFN- γ . It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4.
Sequences Of Amino Acids	VPAIRNGRCS CINTSQGMIH PKSLKDLKQF APSPSCEKTE IIATMKNGNE ACLNPDLPEV KELIKEWEKQ VNQKKKQRKG KKYKKTKKVP KVKRSQRPSQ KKTT.
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.

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Storage	Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 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; Toll-like receptor signaling pathway

GENE INFORMATION

Gene Name	CXCL9 chemokine (C-X-C motif) ligand 9 [Bos taurus]
Synonyms	CXCL9; chemokine (C-X-C motif) ligand 9; C-X-C motif chemokine 9; small-inducible cytokine B9; monokine induced by interferon gamma
Gene ID	513990
mRNA Refseq	NM_001113172
Protein Refseq	NP_001106643
UniProt ID	A9QWP9
Chromosome Location	6
Function	chemokine activity

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