Active Recombinant Bovine CXCL9 protein

Cat. No. CXCL9-849B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Bovine CXCL9 protein(A9QWP9)(22-125 aa) was expressed in E.coli.
Species	Bovine
Source	E.coli
ProteinLength	22-125 aa
Form	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.0, 500 mM NaCl.
Bio-activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human lymphocytes is in a concentration range of 0.1-1.0 ng/ml.
Molecular Mass	Approximately 11.9 kDa, a single non-glycosylated polypeptide chain containing 104 amino acids. But it migrates with an apparent molecular mass of 18 kDa in SDS-PAGE.
AASequence	VPAIRNGRCS CINTSQGMIH PKSLKDLKQF APSPSCEKTE IIATMKNGNE ACLNPDLPEV KELIKEWEKQ VNQKKKQRKG KKYKKTKKVP KVKRSQRPSQ KKTT
Endotoxin	Less than 0.1 EU/μg of rBoMIG/CXCL9 as determined by LAL method.

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Purity	>96% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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