

RPPB1211

---

## Product Information    Protein Information

**Product SKU:**

RPPB1211

**Accession:**

A9QWP9

**Host:**

Escherichia Coli.

**Protein description:**

MIG (CXCL9) Bovine Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 104 amino acids and having a molecular mass of approximately 18.0kDa. MIG is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Small inducible cytokine B9, CXCL9, Gamma INF-induced monokine, MIG, chemokine (C-X-C motif) ligand 9, CMK, Humig, SCYB9, crg-10, monokine induced by gamma-INF.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in 20 mM PB and 500mM NaCl, pH 7.0.

**Purity:**

Greater than 96.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized MIG (CXCL9) in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized MIG although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MIG (CXCL9) should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

VPAIRNGRCS CINTSQGMIH PKSLKDLKQF APSPSCEKTE IIATMKNGNE ACLNPDLPV KELIKWEKQ  
VNQKKKQRKG KKYKTKKVP KVKRSQRPSQ KKTT.

**Biological Activity:**

The biological activity determined by a chemotaxis bioassay using human lymphocytes is 0.1-1.0 ng/ml.