9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MIG Bovine

MIG (CXCL9) Bovine Recombinant
CHK0117

Product Overview

Name	MIG Bovine
Description	
MIG (CXCL9) Bovine Recombinant	
Accession (Primary)	A9QWP9
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.	
Introduction	
Chemokine (C-X-C motif) ligand 9 (CXCL9) is a small cytokine belongs to the CXC chemokine family that is also known as Monokine induced by gamma INF (MIG). CXCL9 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. CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB and 500mM NaCl, pH 7.0.	
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 .	
Purity	
Greater than 96.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
VPAIRNGRCS CINTSQGMIH PKSLKDLKQF APSPSCEKTE IIATMKNGNE ACLNPDLPEV KELIKEWEKQ VNQKKKQRKG KKYKKTKKVP KVKRSQRPSQ KKTT.	
Biological Activity	

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

Solubility

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

Precautions

MIG Bovine is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (A9QWP9)