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

MIG Mouse

MIG Mouse Recombinant (CXCL9)
CHK0120

Product Overview

Name	MIG Mouse
Description	
MIG Mouse Recombinant (CXCL9)	
Accession (Primary)	P18340
Synonyms	
Small inducible cytokine B9, CXCL9, MIG, chemokine (C-X-C motif) ligand 9, CMK, Humig, SCYB9, crg-10, M119.	
Introduction	
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 MIG. CXCL9 is a T-cell chemoattractant. 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. 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	
Filtered (0.2 µm) and lyophilized from a concentrated (0.5mg/ml) solution in 20mM PB, pH7.4 and 100mM NaCl.	
Stability	
Lyophilized MIG although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL9 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
The sequence of the first five N-terminal amino acids was determined and was found to be, Thr-Leu-Val-Ile-Arg.	
Biological Activity	
The Activity is calculated by the ability to chemoattract Human lymphocytes using a concentration of 0.1-1 ng/ml.	

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

Solubility

It is recommended to reconstitute the lyophilized MIG in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

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

Target Information: (P18340)