

Mouse MIG Recombinant Protein



RPPB1210

Product Information Protein Information

Product SKU:

RPPB1210

Accession:

P18340

Host:

Escherichia Coli.

Protein description:

MIG (CXCK9) Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 105 amino acids and having a molecular mass of 12208 Dalton. The MIG is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Small inducible cytokine B9, CXCL9, MIG, chemokine (C-X-C motif) ligand 9, CMK, Humig, SCYB9, crg-10, M119.

Formulation:

Filtered (0.2µm) and lyophilized from a concentrated (0.5mg/ml) solution in 20mM PB, pH7.4 and 100mM NaCl.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized MIG in sterile 18MΩ-cm H2O 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 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.

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.