

MIG active protein

Recombinant Human MIG (CXCL9)

CATALOG #
AAA38091HOST
E Coli

PRODUCT SYNONYMS

MIG; Recombinant Human MIG (CXCL9); MIG Human; MIG Human Recombinant (CXCL9); Small inducible cytokine B9; CXCL9; Gamma interferon-induced monokine; chemokine (C-X-C motif) ligand 9; CMK; Humig; SCYB9; crg-10; monokine induced by gamma-interferon; MIG active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Lyophilized from a 0.2um filtered concentrated (1.0mg/ml) solution in 20mM PB, pH 7.4, 50mM NaCl. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	TPVVRKGRCS CISTNQGTIH LQSLKDLKQF APSPSCEKIE IIATLKNGVQ TCLNPDSADV KELIKKWEKQ VSQKKKQKNG KKHQKKKVLK VRKSQRSRQK KTT
Sequence Length	125
Biological Activity	Determined by its ability to chemoattract human peripheral blood T-Lymphocytes using a concentration range of 10.0-100.0 ng/ml.
Solubility	It is recommended to reconstitute the lyophilized MIG in sterile 18M Omega -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for MIG active protein	Description: MIG (monokine induced by gamma-interferon) Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 103 amino acids and having a molecular mass of 11700 Dalton. The MIG is purified by proprietary chromatographic techniques.
Product Categories/Family for MIG active protein	Chemokines; MIG (CXCL9)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505187
NCBI GeneID	4283
NCBI Accession #	NP_002407.1
NCBI GenBank Nucleotide #	NM_002416.2
UniProt Accession #	Q07325; Q503B4
NCBI Official Full Name	C-X-C motif chemokine 9

NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 9
NCBI Official Symbol	CXCL9
NCBI Official Synonym Symbols	CMK; MIG; Humig; SCYB9; crg-10
NCBI Protein Information	C-X-C motif chemokine 9; gamma-interferon-induced monokine; monokine induced by gamma interferon; monokine induced by interferon-gamma; small-inducible cytokine B9
UniProt Protein Name	C-X-C motif chemokine 9
UniProt Gene Name	CXCL9
UniProt Synonym Gene Names	CMK; MIG; SCYB9; HuMIG; MIG
UniProt Entry Name	CXCL9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/mig/38091>