

MIG (CXCL9) Active Protein | MIG active protein

Human MIG (CXCL9)

CATALOG # AAA79183	HOST E Coli	REACTIVITY Human
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PRODUCT SYNONYMS

MIG (CXCL9); Human MIG (CXCL9); Recombinant Human MIG; MIG active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	>= 98% by SDS-PAGE gel and HPLC analyses.
Form/Format	Lyophilized
Sequence	TPVVRKGRCS CISTNQGTIH LQSLKDLKQF APSPSCEKIE IIATLKNGVQ TCLNPDSADV KELIKKWEKQ VSQKKKQKNG KKHQKKKVLK VRKSQRSRQK KTT
Sequence Length	103
Endotoxin Level	< 0.1 ng /ug of protein (<1EU/ug).
Biological Activity	Determined by its ability to chemoattract human peripheral blood T lymphocytes using a concentration range of 10.0-100.0 ng/ml.
Preparation and Storage	Stability: The lyophilized protein is stable at room temperature for 1 month and at 4 degree C for 6 months. Reconstituted working aliquots are stable for 1 week at 2 degree C to 8 degree C and for 12 months at -20 degree C to -80 degree C. Reconstitution: Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-0.5 mg/ml. Do not vortex. This solution can be stored at 2-8 degree C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20 degree C to -80 degree C.

ADDITIONAL INFORMATION

Related Product Information for MIG active protein	MIG, a CXC chemokine, is produced by IFN stimulated monocytes, macrophages and endothelial cells. It signals through the CXCR3 receptor. MIG selectively chemoattracts Th1 lymphocytes, and also exerts other activities including inhibition of tumor growth, angiogenesis, and inhibition of colony formation of hematopoietic progenitors. Human MIG is active on murine cells. Recombinant human MIG is an 11.7 kDa protein containing 103 amino acid residues, including the four highly conserved cysteine residues present in CXC chemokines.
Product Categories/Family for MIG active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505187
NCBI GeneID	4283
NCBI Accession #	NP_002407.1

NCBI GenBank Nucleotide #	NM_002416.1
UniProt Accession #	Q07325 ; Q503B4
Molecular Weight	11.7 kDa
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; small-inducible cytokine B9; gamma-interferon-induced monokine; monokine induced by gamma interferon; monokine induced by interferon-gamma
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://stage.aaabiotech.com/e-coli-human-active-protein/mig-cxcl9/79183>