

Active Recombinant Human CXCL9 protein

Cat. No. CXCL9-17H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CXCL9 protein(Q07325) (Thr 23-Thr 125) was expressed and purified in E. coli.
Species	Human
Source	E. coli
ProteinLength	23-125 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.
Bio-activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood T-lymphocytes is in a concentration range of 10-100 ng/ml.
Molecular Mass	Apximately 11.7 kDa, a single non-glycosylated polypeptide chain containing 103 amino acids.
AASequence	TPVVRKGRCS CISTNQGTIH LQSLKDLKQF APSPSCEKIE IIATLKNGVQ TCLNPDSADV KELIKKWEKQ VSQKKKQKNG KKHQKKKVLK VRKSQRSRQK KTT
Endotoxin	Less than 1 EU/µg of rHuMIG/CXCL9 as determined by LAL method.
Purity	> 97 % by SDS-PAGE and HPLC analyses.

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_002407.1
Unit ID	Q07325
Unit ID-Weblink	http://www.uniprot.org/uniprot/Q07325

GENE INFORMATION

Gene Name	CXCL9 chemokine (C-X-C motif) ligand 9 [Homo sapiens]
Official Symbol	CXCL9
Synonyms	CXCL9; chemokine (C-X-C motif) ligand 9; CMK, MIG, monokine induced by gamma interferon; C-X-C motif chemokine 9; crg 10; Humig; SCYB9; small-inducible cytokine B9; gamma-interferon-induced monokine; monokine induced by gamma interferon; monokine induced by interferon-gamma; CMK; MIG; crg-10;
Gene ID	4283
mRNA Refseq	NM_002416
protein Refseq	NP_002407

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