

Recombinant Human CXCL9 Protein, His-tagged

Cat. No. CXCL9-113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C-X-C Motif Chemokine 9 is produced by our Mammalian expression system and the target gene encoding Thr23-Thr125 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	23-125 a.a.
Description	Chemokine (C-X-C Motif) Ligand 9 (CXCL9) belongs to the intercrine alpha (chemokine CXC) family. It is secreted by interferon stimulated monocytes, macrophages and endothelial cells, which elicits chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 acts as a Th1 (type 1 helper T) cell chemoattractant and plays a role in the growth, activation and movement of cells associated with immune and inflammatory responses, and in tumour growth inhibition. 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.
Form	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Molecular Mass	Predicted Molecular Weight: 12.76kDa Apparent Molecular Weight: 16-18kDa, reducing conditions.
AA Sequence	Thr23-Thr125

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Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
Purity	>95%
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days. Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Statement	Purity: Greater than 95% as determined by reducing SDS-PAGE.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

GENE INFORMATION

Gene Name	CXCL9 C-X-C motif chemokine ligand 9 [Homo sapiens (human)]
Official Symbol	CXCL9
Synonyms	C-X-C Motif Chemokine 9; Gamma-Interferon-Induced Monokine; Monokine Induced by Interferon-Gamma; HuMIG; Small-Inducible Cytokine B9; CMK; MIG; SCYB9; Humig; crg-10
Gene ID	4283

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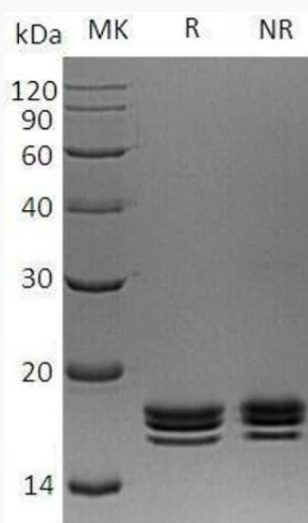
mRNA Refseq [NM_002416.3](#)

Protein Refseq [NP_002407.1](#)

MIM [601704](#)

UniProt ID [Q07325](#)

SDS-PAGE



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