

Recombinant Mouse CXCL9 Protein, His-tagged

Cat. No. CXCL9-87M Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse C-X-C Motif Chemokine 9 is produced by our Mammalian expression system and the target gene encoding Thr22-Thr126 is expressed with a 6His tag at the C-terminus.

Species Mouse

Source Human Cells

ProteinLength 22-126 a.a.

Description Chemokine (C-X-C motif) ligand 9 (CXCL9, MIG), is a small cytokine belonging to the CXC chemokine family. CXCL9 functions as one of the three ligands of chemokine receptor CXCR3 which is a G protein-coupled receptor found predominantly on T cells. It together with CXCL10 and CXCL11, may activate CXCR3 by binding to it. CXCL9 serves as a cytokine that affects the growth, movement, or activation state of cells that participate in immune and inflammatory response. It has been observed that tumour endothelial cells secrete high levels of CXCL9 in all, and CXCL10 in most melanoma metastases. it plays an important role in CD4+ T lymphocyte recruitment and development of CAV, MOMA-2+ macrophages are the predominant recipient-derived source of CXCL9, and recipient CD4 lymphocytes are necessary for sustained CXCL9 production and CAV development in this model.

Form Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.

AA Sequence Thr22-Thr126

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Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
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Shipping	Ambient
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GENE INFORMATION

Gene Name	Cxcl9 chemokine (C-X-C motif) ligand 9 [Mus musculus (house mouse)]
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Official Symbol	CXCL9
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Synonyms	C-X-C motif chemokine 9; Gamma-interferon-induced monokine; Monokine induced by interferon-gamma; MIG; MuMIG; Protein m119; Small-inducible cytokine B9; Cxcl9; Mig; Scyb9; CMK; MuMIG; crg-10
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Gene ID	17329
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mRNA Refseq	NM_008599.4
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Protein Refseq	NP_032625.2
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UniProt ID	P18340
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