Active Recombinant Mouse Chemokine (C-X-C Motif) Ligand 9, HIgG1 Fc-tagged

Cat. No. CXCL9-346H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CXCL9 (AAH63122.1)(Thr23-Thr125) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO celL
Species	Human
Source	CHO
ProteinLength	23-125 a.a.
Description	The function of this gene has not been specifically defined; however, it is thought to be involved in T cell trafficking. This gene has been localized to 4q21 with INP10, which is also a member of the chemokine family of cytokines.?
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells.
Molecular Mass	38KDa (monomer)
AA Sequence	Thr23-Thr125
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="">
Purity	>98%, by SDS-PAGE under reducing conditions.

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Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

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
MIM	601704
UniProt ID	Q07325
Chromosome Location	4q21

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Pathway	CXCR3-mediated signaling events, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	chemokine activity; cytokine activity;

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