

Recombinant Human CXCL14 Protein, His-tagged

Cat. No. CXCL14-014H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human C-X-C motif chemokine ligand 14(CXCL14)(NM_004887), with a His tag, was expressed in human cells. |
| Species | Human |
| Source | Human Cells |
| Description | This antimicrobial gene belongs to the cytokine gene family which encode secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. |
| Form | Purified protein formulated in a sterile solution of TBS buffer, pH7.63, without any preservatives. |
| Molecular Mass | 9.4 kDa |
| Endotoxin | Endotoxin level is < 0.1 ng/g of protein (<1EU /g) |
| Purity | >90% by SDS-PAGE gel and Coomassie Blue staining |

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Applications Antigen, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name CXCL14 chemokine (C-X-C motif) ligand 14 [Homo sapiens]

Official Symbol CXCL14

Synonyms

CXCL14; chemokine (C-X-C motif) ligand 14; SCYB14, small inducible cytokine subfamily B (Cys X Cys), member 14 (BRAK); C-X-C motif chemokine 14; BMAC; bolekin; BRAK; breast and kidney; Kec; KS1; MIP 2g; NJAC; MIP-2 gamma; chemokine BRAK; tumor-suppressing chemokine; small-inducible cytokine B14; CXC chemokine in breast and kidney; small inducible cytokine subfamily B (Cys-X-Cys), member 14 (BRAK); KEC; MIP2G; MIP-2g; SCYB14; MGC10687;

Gene ID 9547

mRNA Refseq NM_004887

Protein Refseq NP_004878

MIM 604186

UniProt ID O95715

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