

## Recombinant Human CXCL9 protein(Thr23-Thr125)

**Cat. No.** CXCL9-3399H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CXCL9 (Q07325) (Thr 23-Thr 125) was expressed and purified in E. coli.                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Thr23-Thr125                                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human CXCL9 comprises 104 amino acids and has a calculated molecular mass of 11.9 kDa. It migrates as an approximately 16 kDa band in SDS-PAGE under reducing conditions.                                                       |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | 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.                                                                   |

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**GENE INFORMATION**

|                        |                                                                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CXCL9 chemokine (C-X-C motif) ligand 9 [ Homo sapiens ]                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | CXCL9                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 4283                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_002416                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_002407                                                                                                                                                                                                                                                                                             |
| <b>MIM</b>             | 601704                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | Q07325                                                                                                                                                                                                                                                                                                |

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