

## Recombinant Human CXCL11 Protein, Fc-tagged

Cat. No. CXCL11-036H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant protein of human chemokine (C-X-C motif) ligand 11 (CXCL11)(Phe22-Phe94) was expressed in HEK293 cells.                                                                                                                                                                        |
| Species          | Human                                                                                                                                                                                                                                                                                      |
| Source           | HEK293                                                                                                                                                                                                                                                                                     |
| ProteinLength    | 22-94 a.a.                                                                                                                                                                                                                                                                                 |
| Description      | Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses. |
| Molecular Mass   | 35 kDa                                                                                                                                                                                                                                                                                     |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                |
| Concentration    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                           |
| Storage Buffer   | 1 x PBS, pH 7.4, 10% glycerol.                                                                                                                                                                                                                                                             |

### GENE INFORMATION

|           |                                                           |
|-----------|-----------------------------------------------------------|
| Gene Name | CXCL11 chemokine (C-X-C motif) ligand 11 [ Homo sapiens ] |
|-----------|-----------------------------------------------------------|

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|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <b>CXCL11</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | CXCL11; chemokine (C-X-C motif) ligand 11; SCYB9B, SCYB11, small inducible cytokine subfamily B (Cys X Cys), member 11; C-X-C motif chemokine 11; b R1; H174; I TAC; IP 9; beta-R1; small inducible cytokine B11; small-inducible cytokine B11; interferon gamma-inducible protein 9; interferon-inducible T-cell alpha chemoattractant; small inducible cytokine subfamily B (Cys-X-Cys), member 11; small inducible cytokine subfamily B (Cys-X-Cys), member 9B; IP9; IP-9; b-R1; I-TAC; SCYB11; SCYB9B; MGC102770; |
| <b>Gene ID</b>         | <b>6373</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | <b>NM_005409</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>  | <b>NP_005400</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>             | <b>604852</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | <b>O14625</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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