

Recombinant Human CCL11 protein, His & GST-tagged

Cat. No. CCL11-595H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human CCL11 (P51671) aa. (Gly24~Pro97) fused with N-terminal His & GST tag was produced in E. coli cells. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Gly24~Pro97 |
| Description | This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil-specific chemokine is thought to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 40.8kDa |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | > 95% |

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|-----------------------|---|
| Characteristic | The isoelectric point is 8.8. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| Storage buffer | PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl. |
| Reconstitution | Reconstitute in sterile PBS, pH7.2-pH7.4 |

GENE INFORMATION

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|------------------------|--|
| Gene Name | CCL11 C-C motif chemokine ligand 11 [Homo sapiens (human)] |
| Official Symbol | CCL11 |
| Synonyms | CCL11; C-C motif chemokine ligand 11; SCYA11; eotaxin; chemokine (C-C motif) ligand 11; eosinophil chemotactic protein; eotaxin-1; small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin) |
| Gene ID | 6356 |
| mRNA Refseq | NM_002986.2 |
| Protein Refseq | NP_002977.1 |

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UniProt ID

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