

## Recombinant Human CCL11 Protein, DYKDDDDK-tagged

**Cat. No.** CCL11-213H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human C-C motif chemokine ligand 11(CCL11)(NM_002986), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	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.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.97, without any preservatives.
<b>Molecular Mass</b>	8.56kD
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>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** CCL11 chemokine (C-C motif) ligand 11 [ Homo sapiens ]

**Official Symbol** CCL11

**Synonyms** CCL11; chemokine (C-C motif) ligand 11; SCYA11, small inducible cytokine subfamily A (Cys Cys), member 11 (eotaxin); eotaxin; eotaxin 1; MGC22554; eotaxin-1; C-C motif chemokine 11; small-inducible cytokine A11; eosinophil chemotactic protein; small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin); SCYA11;

**Gene ID** 6356

**mRNA Refseq** NM\_002986

**Protein Refseq** NP\_002977

**MIM** 601156

**UniProt ID** P51671

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