

Recombinant Human CCL11 Protein, DYKDDDDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human C-C motif chemokine ligand 11(CCL11)(NM_002986), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
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	Purified protein formulated in a sterile solution of TBS buffer, pH7.97, without any preservatives.
Molecular Mass	8.56kD
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

Antigens, 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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