

Recombinant Human CCL11 protein, His & GST-tagged

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

SPECIFICATION

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	<p>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.</p>
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

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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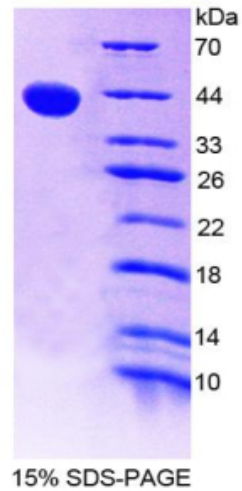
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UniProt ID

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SDS-PAGE

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