Recombinant Human CCL25 protein, Fc-tagged

Cat. No. CCL25-203H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL25(Gln24-Leu150) fused with the N-terminus of the Fc region of human IgG1 was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Gln24-Leu150
Description	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. The product of this gene binds to chemokine receptor CCR9. Alternative splicing results in multiple transcript variants.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells.
Molecular Mass	40KDa (monomer)
Endotoxin	<0.1 EU/μg as determined by LAL test.

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Purity	>98%, by SDS-PAGE under reducing conditions.
Storage	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade. Avoid freeze/thaw cycles.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.

GENE INFORMATION

Gene Name	CCL25 chemokine (C-C motif) ligand 25 [Homo sapiens]
Official Symbol	CCL25
Synonyms	CCL25; chemokine (C-C motif) ligand 25; SCYA25, small inducible cytokine subfamily A (Cys Cys), member 25; C-C motif chemokine 25; Ck beta 15; Ckb15; TECK; TECKvar; thymus expressed chemokine; Ck beta-15; chemokine TECK; thymus-expressed chemokine; small-inducible cytokine A25; small inducible cytokine subfamily A (Cys-Cys), member 25; SCYA25; MGC150327;
Gene ID	6370
mRNA Refseq	NM_001201359
Protein Refseq	NP_001188288
MIM	602565
UniProt ID	O15444
Chromosome	19p13.2

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Location	
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;
Function	CCR10 chemokine receptor binding; chemokine activity; hormone activity;

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