

Active Recombinant Canine CCL4

Cat. No. CCL4-631C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CCL4 (Accession # NP_001005250) Ala24-Asn92 was produced in E. coli-derived.
Species	Canine
Source	E.coli
ProteinLength	24-92 a.a.
Predicted N Terminal	Ala24
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR5. The ED50 for this effect is typically 0.75 - 3.5 ng/mL.
Molecular Mass	Recombinant Canine CCL4 has a calculated MW of 7.8 kDa. In SDS-PAGE migrates as 11 kDa, reducing conditons..
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 100 g/mL in PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name CCL4 chemokine (C-C motif) ligand 4 [*Canis lupus familiaris* (dog)]

Official Symbol CCL4

Synonyms CCL4; chemokine (C-C motif) ligand 4; SCYA4; C-C motif chemokine 4; CC chemokine ligand 4; small-inducible cytokine A4

Gene ID [448786](#)

mRNA Refseq [NM_001005250](#)

Protein Refseq [NP_001005250](#)

MIM

UniProt ID Q68AZ0

Chromosome Location 9

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