

Active Recombinant Cotton Rat Ccl4

Cat. No. Ccl4-386C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat Ccl4 (Accession # AAL16933) Ala24-Asn92 was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	24-92 a.a.
Predicted N Terminal	Ala24
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CCR5. The ED50 for this effect is typically 1 - 5 ng/mL.
Molecular Mass	Recombinant Cotton Rat Ccl4 has a calculated MW of 7.8 kDa.
Purity	>97%, 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 25 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name Ccl4 chemokine (C-C motif) ligand 4 [*Rattus norvegicus* (Norway rat)]

Official Symbol Ccl4

Synonyms Ccl4; chemokine (C-C motif) ligand 4; Scya4; Mip1-b; C-C motif chemokine 4; MIP-1-beta; macrophage inflammatory protein 1-beta; macrophage inflammatory protein-1 beta; small inducible cytokine A4; small-inducible cytokine A4

Gene ID 116637

mRNA Refseq NM_053858

Protein Refseq NP_446310

MIM

UniProt ID P50230

Chromosome Location 10q26

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