

Active Recombinant Cotton Rat Cxcl1

Cat. No. Cxcl1-387C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat Cxcl1 (Accession # AAL16934) Ala28- Lys100 was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
Predicted N Terminal	Ala28
Form	Lyophilized from a 0.2 µ 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 CXCR2.The ED50 for this effect is typically 0.4 - 2 ng/mL.
Molecular Mass	Recombinant Cotton Rat Cxcl1 has a calculated MW of 7.9 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).
Reconstitution	Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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GENE INFORMATION

Gene Name	Cxcl1 chemokine (C-X-C motif) ligand 1 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cxcl1
Synonyms	Cxcl1; chemokine (C-X-C motif) ligand 1; Gro1; CINC-1; growth-regulated alpha protein; C-X-C motif chemokine 1; chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha); cytokine-induced neutrophil chemoattractant 1; gro; platelet-derived growth factor-inducible protein KC
Gene ID	81503
mRNA Refseq	NM_030845
Protein Refseq	NP_110472
MIM	
UniProt ID	P14095
Chromosome Location	14p22

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