

Active Recombinant Cotton Rat Cxcl2

Cat. No. Cxcl2-395C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat Cxcl2 (Accession # AAL26705) Ala29-Asn101 was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	29-101 a.a.
Predicted N Terminal	Ala29
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 3 - 15 ng/mL.
Molecular Mass	Recombinant Cotton Rat Cxcl2 has a calculated MW of 8.0 kDa.
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).
Reconstitution	Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

GENE INFORMATION

Gene Name	Cxcl2 chemokine (C-X-C motif) ligand 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cxcl2
Synonyms	Cxcl2; chemokine (C-X-C motif) ligand 2; Mip-2; Scyb2; C-X-C motif chemokine 2; CINC-3; MIP2; cytokine-induced neutrophil chemoattractant 3; macrophage inflammatory protein 2; small inducible cytokine subfamily, member 2
Gene ID	114105
mRNA Refseq	NM_053647
Protein Refseq	NP_446099
MIM	
UniProt ID	P30348
Chromosome Location	14p22

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