

Recombinant Rat Cxcl1 protein, His-tagged

Cat. No. Cxcl1-773R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cxcl1 aa. (Ala25~Lys96 (Accession # P14095)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala25~Lys96
Description	Acts as a neutrophil chemoattractant; may play a role in acute phase inflammatory response.
Form	Freeze-dried powder
Molecular Mass	11.67 kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 97%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH 7.4.

Reconstitution

Reconstitute in PBS.

GENE INFORMATION

Gene Name

Cxcl1 C-X-C motif chemokine ligand 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cxcl1

Synonyms

Cxcl1; C-X-C motif chemokine 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_030845.1

Protein Refseq

NP_110472.1

UniProt ID

P14095

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