

Recombinant Rat Cxcl2 protein, His & GST-tagged

Cat. No. Cxcl2-578R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cxcl2 (P30348) aa. (Ser32~Asn100) fused with His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser32~Asn100
Description	Chemokine involved in the pulmonary inflammatory response.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.6kDa; Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.
Purity	>98%
Characteristic	Isoelectric point is 6.7.
Applications	Cell culture; Activity Assays.
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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name

Cxcl2 C-X-C motif chemokine ligand 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cxcl2

Synonyms

Cxcl2; C-X-C motif chemokine ligand 2; Mip-2; Scyb2; C-X-C motif chemokine 2; CINC-3; MIP2; chemokine (C-X-C motif) ligand 2; cytokine-induced neutrophil chemoattractant 3; macrophage inflammatory protein 2; small inducible cytokine subfamily, member 2

Gene ID

114105

mRNA Refseq

NM_053647.1

Protein Refseq

NP_446099.1

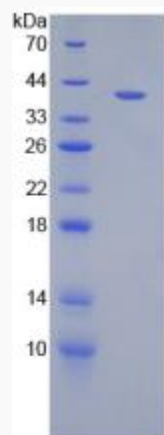
UniProt ID

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SDS-PAGE

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