

Recombinant Mouse Cxcl1 protein, His-tagged

Cat. No. Cxcl1-529M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cxcl1 (P12850) fused with His tag was produced in HEK293F cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This secretory protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils. In mouse, deficiency of this gene is associated with colitis and with defects in immune cell recruitment to the lung.
Form	Freeze-dried powder
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
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,

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and no obvious degradation and precipitation were observed. The loss rate is less 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

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Cxcl1 chemokine (C-X-C motif) ligand 1 [*Mus musculus* (house mouse)]

Official Symbol

Cxcl1

Synonyms

Cxcl1; chemokine (C-X-C motif) ligand 1; KC; Fsp; N51; gro; Gro1; Mgsa; Scyb1; growth-regulated alpha protein; C-X-C motif chemokine 1; GRO1 oncogene; KC/GR)-alpha; KC/GRO-alpha; alpha-chemokine; platelet-derived growth factor-inducible protein KC; secretory protein N51

Gene ID

14825

mRNA Refseq

NM_008176.3

Protein Refseq

NP_032202.1

UniProt ID

P12850

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