

Recombinant Hamster Cxcl10 Protein, His-tagged

Cat. No. Cxcl10-2774H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster Cxcl10 Protein (Ile22-Ser98) with N-His tag was expressed in E. coli.
Species	Hamster
Source	E.coli
ProteinLength	Ile22-Ser98
Description	This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. This gene may also be a key regulator of the 'cytokine storm' immune response to SARS-CoV-2 infection.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.4 kDa Accurate Molecular Mass: 15 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 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

Cxcl10 C-X-C motif chemokine ligand 10 [*Cricetulus griseus* (Chinese hamster)]

Official Symbol

Cxcl10

Synonyms

Cxcl10; C-X-C motif chemokine ligand 10; C-X-C motif chemokine 10; chemokine (C-X-C motif) ligand 10; C7; IFI10; INP10; SCYB10; Crg2; GIP10; Mob1; Small Inducible Cytokine Subfamily B(Cys-X-Cys)Member 10

Gene ID

100770195

mRNA Refseq

XM_003512751

Protein Refseq

XP_003512799

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