

Recombinant Human CXCL8 protein(Ser28-Ser99), His-tagged

Cat. No. CXCL8-344H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL8 (NP_000575.1) (Ser28-Ser99) was expressed in Yeast with a polyhistidine tag at the C-terminus.
Species	Human
Source	Yeast
ProteinLength	Ser28-Ser99
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Human IL-8/CXCL8 (His Tag) at 2 µg/mL (100 µL/well) can bind Anti-IL-8/CXCL8 Antibody, Mouse Monoclonal, the EC50 is 25-140 ng/mL.
Molecular Mass	The recombinant human CXCL8 consists of 82 amino acids and predicts a molecular mass of 9.8 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.