

Active Recombinant Pig CXCL8 Protein (Ala26-Gln103), C-His tagged, Animal-free, Carrier-free

Cat. No. CXCL8-197P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CXCL8 Protein (Ala26-Gln103) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Pig
Source	E.coli
ProteinLength	Ala26-Gln103
Description	This recombinant protein is the major form secreted by macrophages. IL-8 is a chemokine produced by macrophages and other cell types such as epithelial cells, airway smooth muscle cells and endothelial cells.
Form	Lyophilized
Bio-activity	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED50 for this effect is < 5 ng/mL.
Molecular Mass	The protein has a calculated MW of 10.04 kDa. The protein migrates about 11 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.

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Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

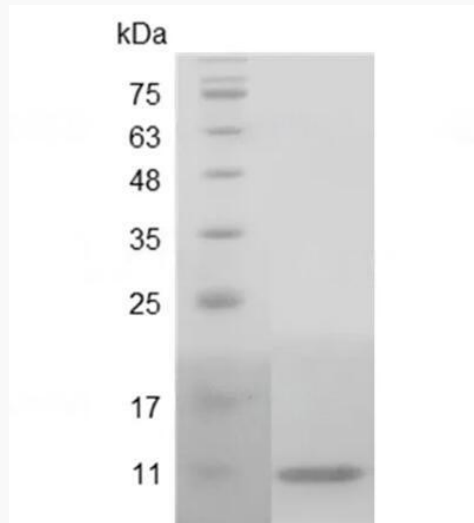
Gene Name	CXCL8 C-X-C motif chemokine ligand 8 [<i>Sus scrofa</i> (pig)]
Official Symbol	CXCL8
Synonyms	CXCL8; C-X-C motif chemokine ligand 8; IL8; AMCF-I; interleukin-8; C-X-C motif chemokine 8; IL-8; alveolar macrophage chemotactic factor I; alveolar macrophage-derived chemotactic factor-I; chemokine (C-X-C motif) ligand 8
Gene ID	396880
mRNA Refseq	NM_213867
Protein Refseq	NP_999032
UniProt ID	P26894

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**SDS-PAGE analysis
of recombinant
swine IL-8.**



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