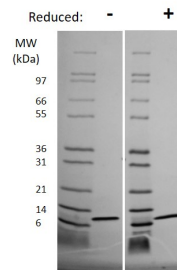


## CXCL8

### Recombinant Porcine IL-8/CXCL8

<b>Catalog No.</b>	CRI191A CRI191B CRI191C	<b>Quantity:</b>	5 µg 20 µg 1.0 mg
<b>Alternate Names:</b>	Interleukin-8, Alveolar macrophage chemotactic factor I, AMCF-I, C-X-C motif chemokine ligand 8, CXCL8		
<b>Description:</b>	Interleukin-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation and stimulates angiogenesis. IL-8 is a member of the CXC cytokine family and is produced by macrophages, epithelial, smooth muscle, and endothelial cells. IL-8 binds the G protein-coupled serpentine receptors CXCR1 and CXCR2.		
<b>GeneID:</b>	396880		
<b>UniProt ID:</b>	P26894		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	Monomer, 9.1 kDa (78 aa)		
<b>Formulation:</b>	Lyophilized from a 0.2 micron filtered solution containing 5 mM sodium phosphate, 20 mM NaCl, pH 7.5		
<b>Purity:</b>	≥ 95.0%, by reducing and non-reducing SDS-PAGE.		
<b>Endotoxin Level:</b>	≤1 EUs/µg, by kinetic LAL		
<b>Amino Acid Sequence:</b>	ARVSAELRCQ CINTHSTPFH PKFIKELRVI ESGPHCENSE IIVKLVNGKE VCLDPKEKWV QKVQIFLKR TEKQQQQQ		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Suspend the product by gently pipetting the above recommended solution down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws.		
<b>Storage &amp; Stability:</b>	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution store at -20°C to -80°C in working aliquots. <b>Avoid repeated freeze-thaw cycles.</b>		



**Porcine IL-8 / CXCL8 Gel**

Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Porcine IL-8 is predicted to have a MW of 9.1 kDa.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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