Recombinant Porcine IL8 Protein

Cat. No. IL8-191P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Porcine IL8 Protein without tag was expressed in E. coli.
Species	Porcine
Source	E.coli
Description	Interleukin 8 (IL-8 or CXCL8) 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. IL-8 recruits innate immune cells, induces phagocytosis, and stimulates angiogenesis.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 9.1 kDa (78 aa)
AA Sequence	ARVSAELRCQCINTHSTPFHPKFIKELRVIESGPHCENSEIIVKLVNGKEVCLDPKEK WVQKVVQIFLKRTEKQQQQQ
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 5 mM sodium phosphate, 20 mM sodium chloride, pH 7.5
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

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

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