

Recombinant Porcine Interleukin-8/CXCL8

Catalog No: #AP60272

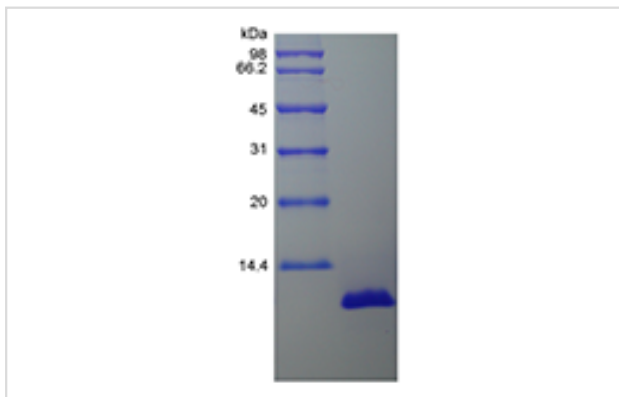
Package Size: #AP60272-1 10ug #AP60272-2 100ug #AP60272-3 500ug

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Description

Product Name	Recombinant Porcine Interleukin-8/CXCL8
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Other Names	(Ser-IL-8)72, GCP/IL-8 Protein I, IL8/NAP1 form III, LY NAP, MDNCF-c, NAF
Calculated MW	Approximately 9.1 kDa, a single non-glycosylated polypeptide chain containing 78 amino acids.
Target Sequence	ARVSAELRCQ CINTHSTPFH PKFIKELRVI ESGPHCENSE IIVKLVNGKE VCLDPKEKWV QKV VQIFLKR TEKQQQQQ
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2 x PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <input type="checkbox"/> A minimum of 12 months from date of receipt, when stored at ≤-20 °C as supplied. <input type="checkbox"/> 1 month, 2 to 8 °C under sterile conditions after reconstitution. <input type="checkbox"/> 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Images



Background

Interleukin-8 (IL-8) is encoded by the IL8 gene and produced by macrophages and other cell types such as epithelial cells. It is also synthesized by endothelial cells, which store IL-8 in their storage vesicles. There are many receptors capable to bind IL-8, the most affinity to IL-8 are receptors CXCR1, and CXCR2. As a member of the CXC chemokine family, function of IL-8 is the induction of chemotaxis in its target cells, like neutrophil granulocytes, basophils, and T-cells. IL-8 is often associated with inflammation and has been cited as a proinflammatory mediator in gingivitis and psoriasis.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.