

# RECOMBINANT SWINE CXCL10

KINGFISHER



**Catalog Number:** RP0004S-025

**Quantity:** 25 µg

**Alias:** IP-10

**Source:** Yeast

**Formulation/Reconstitution:** Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

**Stability and Storage:** Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

**Molecular Weight:** 9.3 kDa (calculated)

**Purity:** >95% as visualized by SDS-PAGE analysis.

**Purification:** Ion-exchange chromatography

**Entrez Gene ID** 494019

**Amino Acid Sequence:** PLSRTVRCCTC IKISDRPVNP RSLEKLEMIP ASQSCPHVEI  
IATMKKNGEK RCLNPESKTI KNLLKAISKE RSKRSPRTQR  
EA (82)

**Bioactivity:** The biological activity of recombinant swine CXCL10 was determined in a chemotaxis assay using a Boyden chamber. Swine PBMCs were activated with PHA for 3 days followed by treatment with IL-2. Bioactivity is typically detected at 10 ng/mL.

**Country of Origin:** USA

**Support:** Generation of this material is based upon work supported by the Cooperative State Research, Extension, Education Services (CSREES), USDA under project #0206006 US-Veterinary Immune Reagent Network ([www.vetimm.org](http://www.vetimm.org)).

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