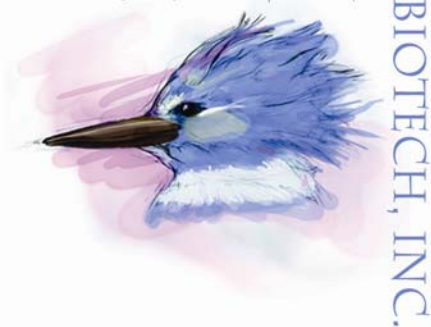


# RECOMBINANT SWINE TNF- $\alpha$

KINGFISHER



**Catalog Number:** RP0080S-025

**Quantity:** 25  $\mu$ g

**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:** 16.9 kDa (calculated)

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

**Purification:** Ion-exchange chromatography

**Entrez Gene ID** 397086

**Amino Acid Sequence:** SSSQTS DKPV AHVVANVKAE GQLQWQSGYA NALLANGVKL  
KDNQLVVPTD GLYLIYSQVL FRGQGC PSTN VFLTHTISRI  
AVSYQTKVNL LSAIKSPCQR ETPEGAEAKP WYEP IYLGGV  
FQLEKDDRLS AEINLPDYLD FAESGQVYFG IIAL (154)

**Bioactivity:** The biological activity of recombinant swine TNF alpha was measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells. The ED50 for this effect is typically 1.3 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)).

**Warranty:** Products are warranted by Kingfisher Biotech, Inc. to meet stated product specifications and to conform to label descriptions when used, handled and stored according to instructions. Unless otherwise stated, this warranty is limited to one year from date of sale or expiry date, whichever comes first. Kingfisher Biotech's sole liability for the product is limited to replacement of the product or refund of the purchase price. Kingfisher Biotech products are supplied for research applications. They are not intended for medicinal, diagnostic or therapeutic use. The products may not be resold, modified for resale or used to manufacture commercial products without prior written approval from Kingfisher Biotech, Inc.

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