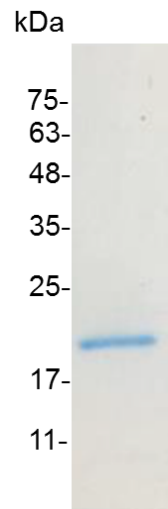


**IL-17A (Interleukin-17A), Swine**

v. 231101

<b>Catalog number</b>	C03009-5UG / C03009-20UG / C03009-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Interleukin-17A is a protein that in humans is encoded by the IL17A gene. The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO).
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MGIMIPQSPGCPKTEDKNFPQHVRVNLNLRSTPARRPSDYSKRSTSPWTLQ RNEDPERYPSVIWEAKCSHSGCINAEGKEDHHMNSVPIQQEILVLRREPRHCP NSFRLEKVMVTVGCTCVTPIVRHIS with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.01 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"><li>• -20°C for 12 months in lyophilized state from date of receipt.</li><li>• -20°C or -80°C for 1 month under sterile conditions after reconstitution.</li></ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant swine IL-17A

*For research use only.*