

GMP Recombinant Porcine IL17A Protein, His-Tagged

Cat. No. IL17A-01P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Porcine IL17A Protein, His-Tagged was expressed in Escherichia coli cell-derived in an animal component free process under cGMP guidelines.
Species	Porcine
Source	E.coli
Description	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).
Form	Lyophilized
AA Sequence	MGIMIPQSPGCPKTEDKNFPQHVRVNLNLRSTPARRPSDYSKRSTSPWTLQRNE DPERYPSVIWEAKCSHSGCINAEGKEDHHMNSVPIQQEILVLRREPRHCPNSFRLEK VMVTVGCTCVTPIVRHIS with polyhistidine tag at the C-terminus
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Notes	Please use within one month after protein reconstitution.

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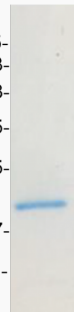
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

GENE INFORMATION

Gene Name	IL17A interleukin 17A [<i>Sus scrofa</i> (pig)]
Official Symbol	IL17A
Synonyms	IL17
Gene ID	449530
mRNA Refseq	NM_001005729.1
Protein Refseq	NP_001005729.1
UniProt ID	Q60I29

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