

Active Recombinant Canine IL17A protein, His-tagged

Cat. No. IL17A-1588C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL17A protein(Gly26-Ala155), fused with His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	26-155 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Monoclonal Anti-Human IL17A Antibody, Human IgG1 at 2 µg/mL (100 µL/well) can bind Canine IL-17A, His Tag with a linear range of 5-39 ng/mL. Immobilized Canine IL-17A, His Tag at 2 µg/mL (100 µL/well) can bind Human IL-17 RC, Fc Tag with a linear range of 4-63 ng/mL. Immobilized Canine IL-17A, His Tag at 2 µg/mL (100 µL/well) can bind Human IL-17 RA, Fc Tag (MALS verified) with a linear range of 0.1-4 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 17.0 kDa. The protein migrates as 18 kDa and 22 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gly26-Ala155
Endotoxin	Less than 1.0 EU per

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	µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.