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Interleukin 17a Protein (AA 24-155) (His tag)

Images



Overview	
Quantity:	100 μg
Target:	Interleukin 17a (IL17A)
Protein Characteristics:	AA 24-155
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Interleukin 17a protein is labelled with His tag.
Product Details	
Characteristics:	Cynomolgus IL-17A / CTLA-8 Protein, His Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per μg by the LAL method.
Target Details	
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Target:	Interleukin 17a (IL17A)
Alternative Name:	IL-17A (IL17A Products)
Background:	Interleukin-17A (IL17A) is also known as cytotoxic T-lymphocyte-associated antigen 8
	(CTLA8),which is a proinflammatory cytokine produced by activated T cells. IL17A can regulate
	the activities of NF-kappaB and mitogen-activated protein kinases. Also,IL17A can stimulate the
	expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of

nitric oxide (NO). Furthermore, IL17A has been found both in glycosylated and nonglycosylated forms. High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Molecular Weight:

17.0 kDa

Application Details

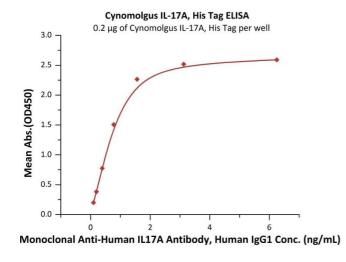
Restrictions:

For Research Use only

Handling

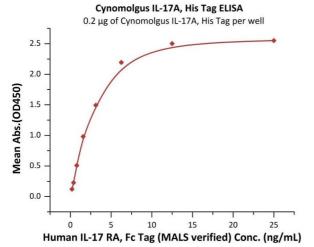
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



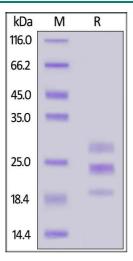
ELISA

Image 1. Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus IL-17A, His Tag (ABIN6973110) at $2 \mu g/mL$ (100 $\mu L/well$) can bind Monoclonal A IL17A Antibody, Human IgG1 with a linear range of 0.1-0.8 ng/mL (Routinely tested).



ELISA

Image 2. Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus IL-17A, His Tag (ABIN6973110) at $2 \mu g/mL$ (100 $\mu L/well$) can bind Human IL-17 RA, Fc Tag (MALS verified) (ABIN2181346,ABIN2181345) with a linear range of 0.2-3 ng/mL (QC tested).



SDS-PAGE

 $\label{lem:lemmage 3.} Image 3. \ \ \ Cynomolgus \ IL-17A, \ His \ Tag \ on \ under \ reducing \ (R)$ condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .