

Datasheet for ABIN7013429
IL17F Protein (AA 31-163) (His tag)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	IL17F
Protein Characteristics:	AA 31-163
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL17F protein is labelled with His tag.

Product Details

Characteristics:	Cynomolgus IL-17F Protein, His Tag
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

Target Details

Target:	IL17F
Alternative Name:	IL-17F (IL17F Products)
Background:	Interleukin-17F (IL17F) is also known as Interleukin-24 (IL24), Cytokine ML-1, is a secreted disulfide-linked homodimer which belongs to the IL-17 family. There are at least six members of the IL-17 family in humans and in mice: IL-17A, IL-17B, IL-17C, IL-17D, IL-17E (also called IL-25) and IL-17F (also called IL-24). IL-17 represents a family of structurally related cytokines that

Target Details

share a highly conserved C-terminal region but differ from one another in their N-terminal regions and in their distinct biological roles. IL-17F / IL-24 is expressed in activated, but not resting, CD4+ T-cells and activated monocytes. IL17F / Interleukin-24 stimulates the production of other cytokines such as IL-6, IL-8 and granulocyte colony-stimulating factor, and can regulate cartilage matrix turnover. IL17F / IL-24 stimulates PBMC and T-cell proliferation and Inhibits angiogenesis. Defects in IL17F are the cause of familial candidiasis type 6 (CANDF6).

Molecular Weight:	16.8 kDa
Pathways:	Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Endopeptidase Activity

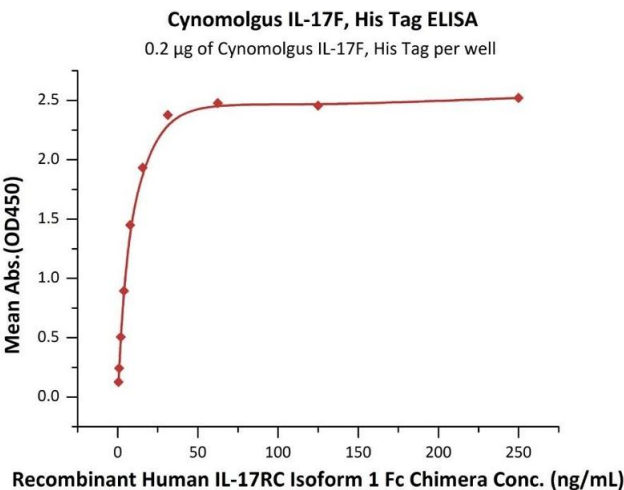
Application Details

Restrictions:	For Research Use only
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Handling

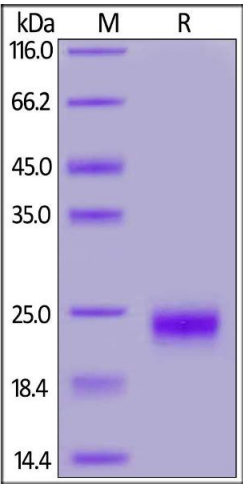
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



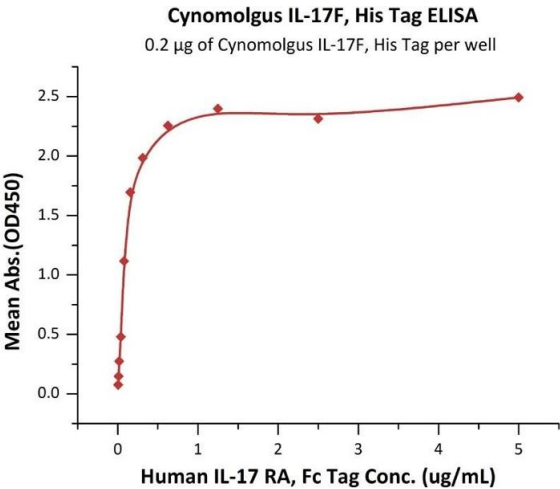
ELISA

Image 1. Immobilized Cynomolgus IL-17F, His Tag (ABIN6973113) at 2 µg/mL (100 µL/well) can bind Recombinant Human IL-17RC Isoform 1 Fc Chimera with a linear range of 0.5-16 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Cynomolgus IL-17F, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 3. Immobilized Cynomolgus IL-17F, His Tag (ABIN6973113) at 2 µg/mL (100 µL/well) can bind Human IL-17 RA, Fc Tag (ABIN2181346,ABIN2181345) with a linear range of 0.005-0.313 µg/mL (QC tested).