

Datasheet for ABIN7275004
IL17F Protein (His-Avi Tag,Biotin)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	IL17F
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17F protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	Arg31-Gln163
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human IL-17 R alpha, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-17F, His Tag with the EC50 of 1.1ug/ml determined by ELISA. See testing image for detail.

Target Details

Target:	IL17F
Alternative Name:	IL-17F (IL17F Products)
Background:	Cytokine ML-1, IL17F, IL-17F, IL24, IL-24, CANDF6, IL-17F, ML1,The Interleukin 17 (IL-17) family proteins, comprising six members (IL-17A through IL-17F), are secreted, structurally related

Target Details

proteins that share a conserved cystine-knot fold near the C-terminus, but have considerable sequence divergence at the N-terminus. IL-17F is ligand for IL17RA and IL17RC. The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC. Involved in stimulating the production of other cytokines such as IL6, IL8 and CSF2, and in regulation of cartilage matrix turnover.

Molecular Weight: 17.5 /14.9 kDa. Due to glycosylation, the protein migrates to 23-28 kDa based on Tris-Bis PAGE result.

UniProt: [Q96PD4](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Endopeptidase Activity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as 0.22µm filtered solution in PBS (pH 7.4).

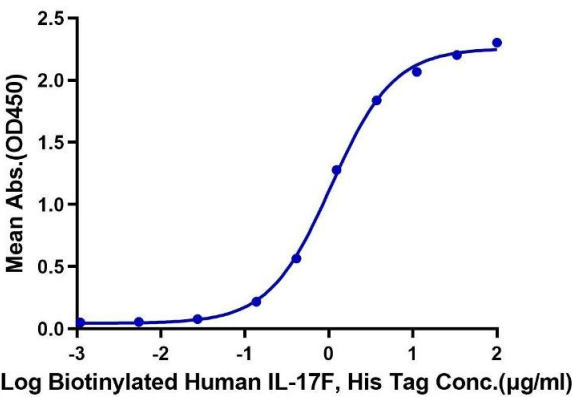
Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Expiry Date: 12 months

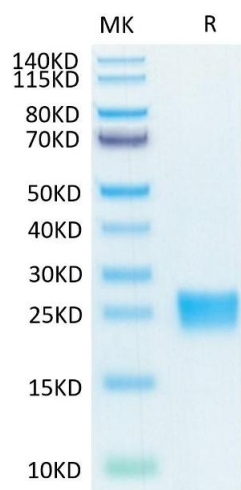
Images

Biotinylated Human IL-17F, His Tag ELISA
0.2µg Human IL-17 R alpha, hFc Tag Per Well



ELISA

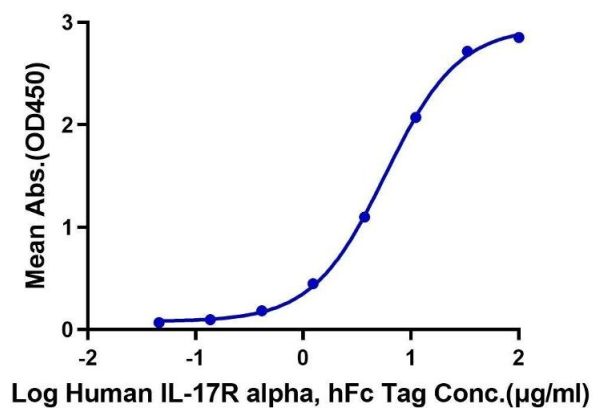
Image 1. Immobilized Human IL-17 R alpha, hFc Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human IL-17F, His Tag with the EC50 of 1.1 µg/mL determined by ELISA.



SDS-PAGE

Image 2. Biotinylated Human IL-17F on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Biotinylated Human IL-17F, His Tag ELISA
0.2µg Biotinylated Human IL-17F, His Tag Per Well



ELISA

Image 3. Immobilized Biotinylated Human IL-17F at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Human IL-17R alpha, hFc Tag with the EC50 of 5.8 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275004.