

Datasheet for ABIN7274895 IL17RC Protein (AA 21-467) (Fc Tag)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL17RC
Protein Characteristics:	AA 21-467
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17RC protein is labelled with Fc Tag.

Product Details

Purpose:	Human IL-17Rc Protein
Sequence:	Leu21-Arg467
Characteristics:	Recombinant Human IL-17Rc Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu21-Arg467.
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-17A, His Tag at 1 µg/ml (100 µl/Well) on the plate. Dose response curve for Human IL-17Rc, hFc Tag with the EC50 of 43.5 ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	IL17RC
Alternative Name:	IL-17Rc (IL17RC Products)
Background:	IL-17RC (interleukin-17 receptor-like) gene codes for a transmembrane protein, the full length of which inhibits apoptosis in prostate cancer cells. IL-17RC gene transcribes over a dozen different splice variants of mRNA. IL-17RC protein isoforms are differentially expressed in prostatic cells and cancer tissues and may play a negative or positive role in the initiation and progression of prostate cancer.
Molecular Weight:	76.2 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_703190

Application Details

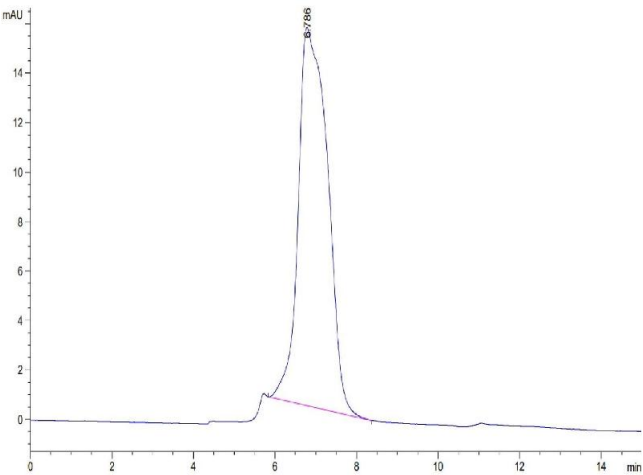
Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

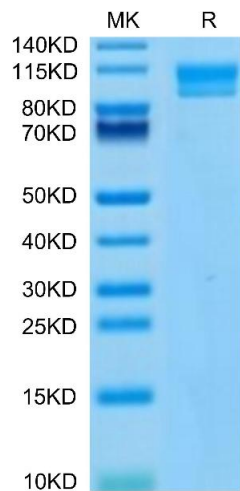
Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human IL-17Rc is greater than 95 % as determined by SEC-HPLC.

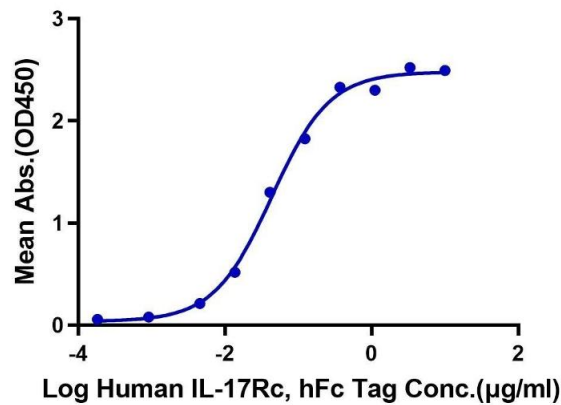


SDS-PAGE

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



Human IL-17Rc, hFc Tag ELISA
0.1µg Human IL-17A, His Tag Per Well



ELISA

Image 3. Immobilized Human IL-17A, His Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Human IL-17Rc, hFc Tag with the EC50 of 43.5 ng/mL determined by ELISA.