

Human IL-17Rc Protein

Cat. No. IL1-HM2RC

Description

Source	Recombinant Human IL-17Rc Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu21-Arg467.
Accession	NP_703190.2
Molecular Weight	The protein has a predicted MW of 76.2 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

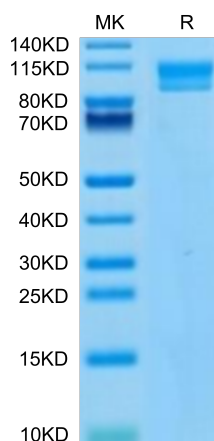
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

Bis-Tris PAGE

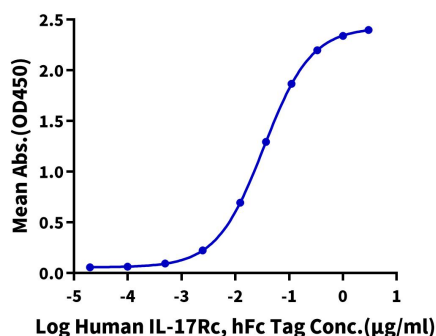


Human IL-17Rc on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Human IL-17Rc, hFc Tag ELISA

0.2 μg Human IL-17A, His Tag Per Well



Immobilized Human IL-17A, His Tag at 2 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{Well}$) on the plate. Dose response curve for Human IL-17Rc, hFc Tag with the EC₅₀ of 33.8ng/ml determined by ELISA (QC Test).