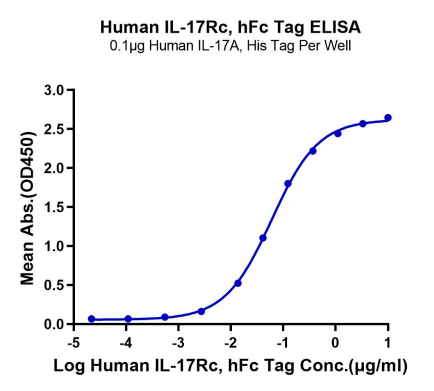
Bioactive HuPro®

IL17RC (Human) Recombinant Protein

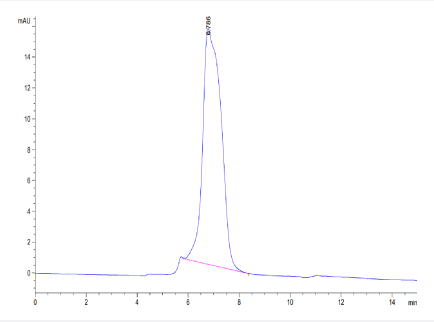
Catalog # P9805 Size 100 ug

Applications



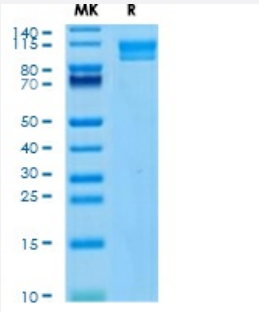
Enzyme-linked Immunoabsorbent Assay

Immobilized Human IL-17A, His Tag at 1 ug/mL (100 uL/Well) on the plate. Dose response curve for Human IL-17Rc, hFc Tag with the EC50 of 60.6 ng/mL determined by ELISA.



SEC-HPLC

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



Tris-Bis PAGE

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

Specification

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Product Description	Human IL17RC (NP_703190.2 Leu21-Arg467) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.
Sequence	Leu21-Arg467
Host	Human
Theoretical MW (kDa)	76.2
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC_{50} was 60.6 ng/mL, messured by ELISA at 1 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human IL-17Rc is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human IL-17Rc on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human IL-17A, His Tag at 1 ug/mL (100 uL/Well) on the plate. Dose response curve for Human IL-17Rc, hFc Tag with the EC50 of 60.6 ng/mL determined by ELISA.
- SDS-PAGE

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Gene Info — IL17RC

Entrez GeneID	84818
Protein Accession#	NP_703190.2
Gene Name	IL17RC
Gene Alias	FLJ95963, FLJ96005, IL17-RL, IL17RL, MGC10763
Gene Description	interleukin 17 receptor C
Omim ID	610925
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a single-pass transmembrane protein that shares limited similarity with the int erleukin-17 receptor. Multiple alternatively spliced transcript variants encoding different isoforms h ave been detected for this gene, but the full-length nature of only three have been determined to d ate. [provided by RefSeq
Other Designations	IL17F receptor|interleukin 17 receptor-like

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