

Product Name: Recombinant Human IL-17RA (C-6His)
Catalog #: PHH1886

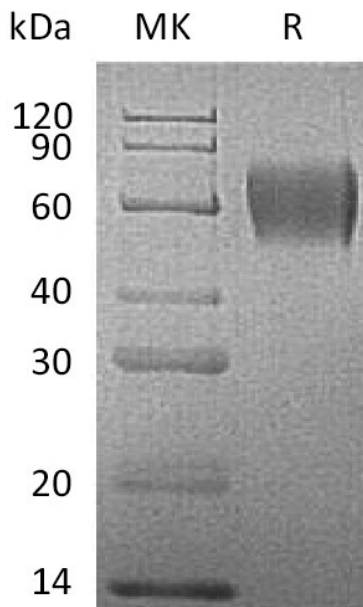


Summary

Name	IL-17RA/CD217/IL-17 R alpha/IL-17 receptor A
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Interleukin-17 Receptor A is produced by our Mammalian expression system and the target gene encoding Leu33-Trp320 is expressed with a 6His tag at the C-terminus.
Accession #	Q96F46
Host	Human Cells
Species	Human
Predicted Molecular Mass	34.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

IL17R; interleukin-17 receptor A; interleukin 17 receptor A; IL17RA;CD217

Background

CD217, also known as Interleukin-17 receptor A, is a T cell expressed pleotropic cytokine with 866 amino acids in length. CD217 functions as receptors for IL17A and IL17F, it binds to IL17A with higher affinity than to IL17F and binds IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RC. It also binds heterodimers formed by IL17A and IL17F as part of a heterodimeric complex with IL17RC. The activation of IL17RA would lead to induction of expression of inflammatory chemokines and cytokines such as CXCL1, CXCL8/IL8 and IL6. The signaling events of IL 17 includes activation of NF kappa B and JNK, and require TNF receptor associated factors 6 (TRAF6) in the signaling pathway.

Note

For Research Use Only , Not for Diagnostic Use.