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Human IL17A Monoclonal Antibody

Catalog No.: YR0100

Basic Information

Molecular Weight
150 kDa

Endotoxin
<1EU/mg (<0.001EU/μg)Determined by LAL gel clotting assay

Sterility
0.2 μm filtration

Aggregation
<5% Determined by SECP

Purity
>95% Determined by SDS-PAGE

Background

What is secukinumab biosimilar research grade? Research grade secukinumab biosimilar uses the same protein sequences as the therapeutic antibody secukinumab. Secukinumab, the humanized anti-IL17A monoclonal antibody, inhibits interleukin 17A, which is a member of the cytokine family, and produced mainly by inflammatory T helper 17 cells. IL17A is upregulated in serum of people with psoriasis and in the synovial fluid of people with psoriatic arthritis, and promotes inflammation when it binds to the interleukin-17 receptor which is expressed in various types of cells, including keratinocytes in skin.

Reported Applications

ELISA,neutralization,functional assays such as bioanalytical PK and ADA assays,and those assays for studying biological pathways

Immunogen Information

Clone
Secukinumab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human IL17A

RecommendedIsotype Control(s)
In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

Recommended Dilution Buffer
1×PBS pH 5.8

Contact

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Product Information

Production
Purified from cell culture supernatant in an animal-free facility

Purification
Protein A or G purification

Storage
Store at -20℃