

Secukinumab Biosimilar - Research Grade

Product Code: ICH4033

Bulk Secukinumab Biosimilar - Research Grade

Product Benefits:

ichorbio's Secukinumab Biosimilar - Research Grade is manufactured in a cGMP compliant facility.

Size:

ichorbio's research grade secukinumab biosimilar is available in the following sizes: 5mg, 10mg, 20mg, 50mg, 100mg ichorbio regularly manufactures bulk multi-gram amounts of our secukinumab biosimilar - please contact us for pricing.

Target:

IL-17A

Clone:

n/a

Isotype:

IgG1 kappa

Other Names:

Interleukin-17A, IL17A, CTLA-8, CTLA8

Host:

Humanized

Species Reactivity:

Human

Specificity:

Detects human IL17A.

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background:

Secukinumab is a recombinant human monoclonal IgG1/κ antibody that binds specifically to IL-17A. It is expressed in a recombinant Chinese Hamster Ovary (CHO) cell line.

Secukinumab has a molecular mass of approximately 151 kDa; both heavy chains of secukinumab contain oligosaccharide chains.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, preservative-free, clear to milky white, colorless to slightly yellow solution, with a pH of 5.8, containing L-histidine/histidine monohydrate hydrochloride, polysorbate 80, and sucrose. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

Secukinumab Biosimilar - Research Grade is stable for at least four (4) weeks when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

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Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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Functional Assays

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use: ichorbio's secukinumab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG1 Isotype Control \(IB1\) \[ICH2254\]](#)