

Omalizumab Biosimilar - Research Grade

Product Code: ICH4010

Bulk Omalizumab Biosimilar - Research Grade

Product Benefits:

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

Size:

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

Target:

IgE

Clone:

n/a

Isotype:

IgG1 kappa

Other Names:

Immunoglobulin E

Host:

Humanized

Species Reactivity:

Human

Specificity:

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Detects human IgE.

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:

Omalizumab biosimilar is a recombinant DNA-derived humanized IgG1k monoclonal antibody that selectively binds to human immunoglobulin E (IgE). The antibody has a molecular weight of approximately 149 kiloDaltons. Omalizumab is produced by a Chinese hamster ovary cell suspension culture in a nutrient medium.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, preservative-free, clear solution containing L-histidine, monohydrate L-histidine hydrochloride, polysorbate 20, and sucrose. pH 6.0. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at - 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Functional Assays

Application Notes:

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

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

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