

Omoprubart Biosimilar - Research Grade

Product Code: ICH5731

More Information

Species Reactivity: Human

Target: C5i $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG2-G4 - kappa

Host: CHO Cells

product name H2: Omoprubart Biosimilar - Research Grade

Sequence: <https://www.imgt.org/mAb-DB/>

Buffer: ICH3002

UniProt: P01031

Shipping Conditions: Blue ice

background: Complement component C5 governs the terminal lytic and inflammatory arms of the complement system. Modeled on omoprubart, this unconjugated, non-therapeutic recombinant antibody is expressed in CHO cells against human C5 using a hybrid IgG2/IgG4 kappa scaffold. Released for research use only, it is purified to a low-endotoxin standard suitable for in vivo use and offered in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Researchers employ it in complement-blockade assays, functional hemolytic studies, and preclinical models of complement-driven inflammation. Tight quality control makes it a steady reagent for high-throughput pipelines.

Other names: REGN3918,REGN-3918,complement 5, C5a anaphylatoxin

Purification Method: This monoclonal antibody was purified using Protein A



Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >90% by SDS-PAGE

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

Applications: Functional Assays

Application Notes: This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

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

Delivery Time: 3-4 weeks