

Concizumab Biosimilar - Research Grade

Product Code: ICH5447

More Information

Species Reactivity: Human

Target: TFPI

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Concizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P10646

Shipping Conditions: Blue ice

background: As a natural anticoagulant that brakes the extrinsic coagulation cascade, tissue factor pathway inhibitor (TFPI) is a target of interest in hemophilia and hemostasis research. This product is an unconjugated, non-therapeutic analog of concizumab, a human IgG4-kappa recombinant antibody for research use only (RUO). It is supplied with low endotoxin to in vivo-grade standards and produced in scalable milligram-to-gram quantities for high-throughput coagulation laboratories. Applications include functional assays, clotting and thrombin-generation studies, in vitro characterization and preclinical hemostasis models exploring TFPI modulation. The in vivo-suitable, low-endotoxin preparation is produced at milligram-to-gram scale to support sustained, high-throughput research programs.

Purification Method: This monoclonal antibody was purified using Protein A

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

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2026



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