

# Tafolecimab Biosimilar - Research Grade

**Product Code:** ICH5894

**More Information**

**Species Reactivity:** Human

**Target:** PCSK9

**Concentration:** 5mg/ml

**Isotype:** IgG2 - kappa

**Host:** CHO Cells

**product name H2:** Tafolecimab Biosimilar - Research Grade

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

**Buffer:** ICH3002

**UniProt:** Q8NBP7

**Shipping Conditions:** Blue ice

**background:** PCSK9 regulates LDL-receptor turnover and circulating cholesterol, making it a prominent target in lipid metabolism and cardiovascular research. The reagent here is a research-grade, unconjugated analog of tafolecimab, a recombinant anti-PCSK9 monoclonal antibody for research use only. It is manufactured to in vivo standards with low endotoxin and offered in scalable milligram to gram quantities for bulk and high-throughput laboratories. The antibody supports PCSK9-neutralization functional assays, in vitro LDL-receptor regulation screens, and in vivo models of cholesterol metabolism. Uniform, reproducible material supports robust experimental design at research scale. Dependable lot-to-lot consistency underpins reliable use across large and repeated experiments.

**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:**  $\leq 1.0$  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