

# Lodelcizumab Biosimilar - Research Grade

**Product Code:** ICH5652

**More Information**

**Species Reactivity:** Human

**Target:** PCSK9

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q8NBP7

**Shipping Conditions:** Blue ice

**background:** PCSK9 governs the recycling of hepatic LDL receptors and is a central regulator of circulating cholesterol, making it a heavily studied node in lipid metabolism and cardiovascular research. This research-grade anti-human PCSK9 recombinant monoclonal (IgG1, kappa) is an unconjugated, non-therapeutic analog of lodelcizumab intended strictly for research use only (RUO). Purified to a low-endotoxin standard appropriate for in vivo studies, it is produced in scalable milligram-to-gram batches so that bulk-consuming and high-throughput laboratories never run short. Researchers can deploy it as a benchmark control or active reagent across in vitro receptor-binding screens, neutralization assays, and preclinical in vivo models of dyslipidemia.

**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