

# Beludavimab Biosimilar - Research Grade

**Product Code:** ICH5385

**More Information**

**Species Reactivity:** Human

**Target:** Severe acute respiratory syndrome coronavirus 2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Antibodies directed at the SARS-CoV-2 spike glycoprotein, the principal determinant of viral attachment, are core tools for neutralizing-antibody and coronavirus immunology research. This product is an unconjugated, non-therapeutic analog of beludavimab, a human IgG1-kappa recombinant monoclonal supplied strictly for research use only (RUO). It is formulated with low endotoxin to in vivo-grade standards and produced in scalable milligram-to-gram quantities, supporting heavy-usage and high-throughput virology laboratories that consume reagents in bulk. Suitable applications include neutralization and functional assays, spike-binding characterization, in vitro screening and preclinical models of coronavirus infection, with dependable consistency maintained from lot to lot.

**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