

# Cosfroviximab Biosimilar - Research Grade

**Product Code:** ICH5450

**More Information**

**Species Reactivity:** Human

**Target:** Zaire Ebola virus GP1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** The Zaire Ebola virus glycoprotein mediates viral entry and is the principal antigen for neutralizing-antibody and filovirus research. Provided as an unconjugated, non-therapeutic analog of cosfroviximab, this human IgG1-kappa recombinant antibody is intended strictly for research use only (RUO). It is formulated with low endotoxin to in vivo-grade standards and manufactured in scalable milligram-to-gram quantities for high-throughput, heavy-usage virology laboratories that require dependable bulk supply. Suitable applications include neutralization and functional assays, glycoprotein-binding characterization, in vitro screening and preclinical Ebola-infection models, all delivered with consistent lot-to-lot performance.

**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