

# Ucenprubart Biosimilar - Research Grade

**Product Code:** ICH5952

**More Information**

**Species Reactivity:** Human

**Target:** CD200R1 $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q8TD46

**Shipping Conditions:** Blue ice

**background:** CD200R1 is an inhibitory receptor that transmits immunosuppressive signals from CD200 and helps maintain myeloid and lymphoid homeostasis, a topic of growing interest in inflammation research. This IgG4 recombinant human monoclonal is provided as an unconjugated, non-therapeutic analog of ucenprubart directed at CD200R1, for research use only (RUO). Purified to low-endotoxin levels appropriate for in vivo studies, it is manufactured in scalable milligram-to-gram quantities to meet the demands of high-throughput and heavy-usage laboratories. It is well suited to in vitro receptor-binding assays, signaling studies, control applications, and preclinical models of immune regulation.

**Other names:** HCRTR2, MOX2R, OX2R, CD200 receptor 1

**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