

# Cobolimab Biosimilar - Research Grade

**Product Code:** ICH5442

**More Information**

**Species Reactivity:** Human

**Target:** HAVCR2

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q8TDQ0

**Shipping Conditions:** Blue ice

**background:** HAVCR2 (TIM-3) is an inhibitory receptor on exhausted T cells and innate immune cells that dampens antitumor responses, a prominent target in immuno-oncology research. This reagent is an unconjugated, non-therapeutic analog of cobolimab, a human IgG4-kappa recombinant antibody supplied for research use only (RUO). It is an ultra-pure, low-endotoxin preparation built to in vivo standards and produced in scalable milligram-to-gram quantities for high-throughput laboratories. It supports checkpoint functional assays, T-cell exhaustion studies, in vitro screening and preclinical tumor-immunology models examining TIM-3 biology. The ultra-pure, low-endotoxin material is offered at milligram-to-gram scale, giving high-throughput labs consistent performance across every 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