

# Vopratelimab Biosimilar - Research Grade

**Product Code:** ICH5991

**More Information**

**Species Reactivity:** Human

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

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q9Y6W8

**Shipping Conditions:** Blue ice

**background:** ICOS is an inducible co-stimulatory receptor that supports T-cell expansion and effector differentiation, attracting interest in cancer immunotherapy research. This recombinant human IgG1 monoclonal is an unconjugated, non-therapeutic analog of vopratelimab directed against ICOS and is supplied for research use only (RUO). The low-endotoxin formulation is suitable for in vivo studies and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. Researchers deploy it as a co-stimulation control and functional reagent across in vitro T-cell activation assays, agonist studies, and preclinical tumor immunology models.

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

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**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