

# Vopikitug Biosimilar - Research Grade

**Product Code:** ICH5990

**More Information**

**Species Reactivity:** Human

**Target:** IL2RA $\alpha$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P01589

**Shipping Conditions:** Blue ice

**background:** The high-affinity IL-2 receptor alpha chain (CD25, IL2RA) shapes regulatory and effector T-cell responses and is a focus of immuno-oncology and autoimmunity research. Offered as an unconjugated, non-therapeutic analog of vopikitug, this recombinant human IgG1 antibody binds IL2RA and is supplied for research use only (RUO). It is purified to a low-endotoxin level suitable for in vivo work and manufactured in scalable milligram-to-gram quantities for high-throughput and heavy-usage laboratories. Applications include receptor-binding and blocking assays, in vitro IL-2 signaling screens, Treg-targeting controls, and preclinical immune-modulation models.

**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