

# Ocankitug Biosimilar - Research Grade

**Product Code:** ICH5720

**More Information**

**Species Reactivity:** Human

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

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q969D9

**Shipping Conditions:** Blue ice

**background:** Thymic stromal lymphopoietin (TSLP) is an epithelial alarmin cytokine that initiates type-2 inflammatory cascades. This research-grade human IgG1 kappa antibody is an unconjugated, non-therapeutic analog of ocankitug, produced in CHO cells against human TSLP. For research use only, it is delivered in a low-endotoxin formulation appropriate for in vivo experiments and manufactured in scalable milligram (mg) to gram (g) quantities for bulk, high-throughput laboratories. It is widely applicable to cytokine-neutralization assays, signaling studies, and preclinical models of allergic and asthmatic inflammation. Its dependable specifications streamline reagent management in large studies.

**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