

# Vixarelimab Biosimilar - Research Grade

**Product Code:** ICH5983

**More Information**

**Species Reactivity:** Human

**Target:** OSMR $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG4-G1 - lambda2

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q99650

**Shipping Conditions:** Blue ice

**background:** Oncostatin M receptor (OSMR) transmits signals from the IL-6-family cytokine oncostatin M, influencing inflammation, fibrosis, and itch pathways studied in dermatology and immunology research. This product is an unconjugated, non-therapeutic analog of vixarelimab, a recombinant human antibody against OSMR, supplied for research use only (RUO). It is purified to a low-endotoxin standard suitable for in vivo experiments and produced in scalable milligram to gram quantities for high-throughput and bulk laboratories. Researchers use it for receptor-blocking and binding assays, in vitro OSM-signaling screens, control work, and preclinical inflammation and fibrosis 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