

# Zaltenibart Biosimilar - Research Grade

**Product Code:** ICH5999

**More Information**

**Species Reactivity:** Human

**Target:** MASP3

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** MASP-3 is a serine protease of the lectin complement pathway that activates the alternative pathway, drawing interest in complement and immunology research. Offered as an unconjugated, non-therapeutic analog of zaltenibart, this IgG4 recombinant human antibody targets MASP3 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 bulk and high-throughput laboratories. Applications include enzyme-inhibition and binding assays, in vitro complement-pathway screening, control work, and preclinical models of complement-mediated inflammation.

**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