

# Ravulizumab Biosimilar - Research Grade

**Product Code:** ICH5317

**More Information**

**Species Reactivity:** Human

**Target:** Complement C5

**Concentration:** 5mg/ml

**Isotype:** Human IgG2(H268Q/F300Y/V309L/A330S/P331S/T339A)-G4 (M428L/N434S)-kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P01031

**Shipping Conditions:** Blue ice

**background:** Complement component C5 sits at the convergence point of the terminal complement pathway, controlling C5a generation and membrane attack complex assembly. This anti-human C5 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of ravulizumab, intended strictly for research use only (RUO). Manufactured to rigorous in vivo standards and purified to low endotoxin, it is supplied in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It is well suited to complement inhibition assays, in vitro functional screening, and in vivo models of complement-mediated disease, offering reproducible, lot-consistent performance.

**Other names:** ALXN1210,ALXN-1210,complement 5, C5a anaphylatoxin

**Specificity:** Detects human Complement C5

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



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

**Purity:** >95% 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.