

# Becotatug Biosimilar - Research Grade

**Product Code:** ICH5378

**More Information**

**Species Reactivity:** Human

**Target:** EGFR $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P00533;P00533;Q01279;Q01279;P00533

**Shipping Conditions:** Blue ice

**background:** Epidermal growth factor receptor (EGFR) is a receptor tyrosine kinase central to proliferation and survival signaling and one of the most validated oncology targets in research. Offered as an unconjugated, non-therapeutic analog of becotatug, this human IgG1-kappa recombinant antibody is for research use only (RUO). It is supplied low in endotoxin and formulated to in vivo-grade standards, with production scaling from milligram to gram quantities for demanding, high-throughput laboratories. The reagent supports functional assays, receptor-blockade and signaling studies, ADCC analysis, ADC development work and in vivo tumor models centered on EGFR.

**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