

# Talizumab Biosimilar - Research Grade

**Product Code:** ICH5897

**More Information**

**Species Reactivity:** Human

**Target:** IGHE $\epsilon$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P01854

**Shipping Conditions:** Blue ice

**background:** Immunoglobulin E (IgE, encoded by IGHE) drives allergic responses through mast-cell and basophil activation, making it a key target in allergy research. Described here is a research-grade, unconjugated analog of talizumab, a recombinant anti-IgE monoclonal antibody intended for research use only. It is produced to in vivo standards with low endotoxin and offered in scalable milligram to gram quantities for bulk and high-throughput laboratories. Applications include IgE-neutralization functional assays, in vitro degranulation screens, and in vivo models of allergic disease. Its scalable supply and batch consistency suit programs that require uniform reagent across many 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