

# Golimumab Biosimilar - Research Grade

**Product Code:** ICH5312

**More Information**

**Species Reactivity:** Human

**Target:** TNFA

**Concentration:** 5mg/ml

**Isotype:** Human IgG1 (E356D/M358L)-kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P01375

**Shipping Conditions:** Blue ice

**background:** Tumour necrosis factor alpha (TNF-alpha) is a master pro-inflammatory cytokine and a validated target across autoimmune and inflammatory disease research. This anti-human TNF-alpha recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of golimumab, provided strictly for research use only. Built to in vivo manufacturing standards with an ultra-pure, low-endotoxin formulation, it is produced in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It serves as a consistent control and active reagent for preclinical work, scaling from in vitro neutralization screening to in vivo inflammatory disease models and biologics characterization.

**Other names:** CNTO 148, tumor necrosis factor (TNF) superfamily member 2, TNFSF2, TNF-alpha, TNFA

**Specificity:** Detects human TNFA

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**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.