

# Tegoprubart Biosimilar - Research Grade

**Product Code:** ICH5908

**More Information**

**Species Reactivity:** Human

**Target:** CD40LG $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P29965

**Shipping Conditions:** Blue ice

**background:** CD40 ligand (CD40LG, CD154) mediates costimulatory signaling between T cells and antigen-presenting cells and is central to immune-activation and tolerance research. Described here is an unconjugated, non-therapeutic analog of tegoprubart, a recombinant anti-CD40L monoclonal antibody for research use only. It is produced to in vivo standards in a low-endotoxin format and supplied in scalable milligram to gram quantities for high-throughput laboratories. The antibody supports costimulation-blockade functional assays, in vitro immune-cell screens, and in vivo models of transplantation tolerance and autoimmunity. Reliable batch-to-batch consistency helps standardize comparisons across in vitro and in vivo experiments.

**Other names:** CD40LG, CD154, CD40L, HIGM1, IGM, IMD3, T-BAM, TNFSF5, TRAP, gp39, hCD40L, CD40 ligand

**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