

# Garadacimab Biosimilar - Research Grade

**Product Code:** ICH5563

**More Information**

**Species Reactivity:** Human

**Target:** F12i<sup>1/2</sup>

**Concentration:** 5mg/ml

**Isotype:** IgG4 - lambda

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P00748

**Shipping Conditions:** Blue ice

**background:** Coagulation factor XII (F12) initiates the contact activation pathway and is a target of interest in thrombosis and hereditary angioedema research. The research-grade anti-factor XII recombinant monoclonal antibody offered here is an unconjugated, non-therapeutic analog of garadacimab, intended for research use only (RUO). Produced to rigorous in vivo standards, the ultra-pure, low-endotoxin formulation is supplied in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. It functions as a blocking and neutralizing reagent for in vitro coagulation assays, in vivo thrombosis models, and biologics characterization.

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

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

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**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