

# Anakinra Biosimilar - Research Grade

**Product Code:** ICH5343

**More Information**

**Species Reactivity:** Human

**Target:** IL1R1 $\alpha$

**Concentration:** 5mg/ml

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P14778

**Shipping Conditions:** Blue ice

**background:** Signalling through the type 1 interleukin-1 receptor (IL1R1) propagates IL-1-driven inflammation across many autoimmune and inflammatory disease models. This research-grade recombinant protein is a non-therapeutic analog of anakinra, an IL-1 receptor antagonist, supplied strictly for research use only (RUO). Manufactured to demanding in vivo standards and purified to a low-endotoxin grade, it is offered in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It is suited to receptor-blockade and signalling assays, in vitro functional screening, and in vivo inflammation models, delivering reproducible, lot-consistent performance as a research reagent.

**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

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**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