

# Atinumab Biosimilar - Research Grade

**Product Code:** ICH5361

**More Information**

**Species Reactivity:** Human

**Target:** RTN4 $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q9NQC3

**Shipping Conditions:** Blue ice

**background:** Nogo-A (RTN4) is a myelin-associated inhibitor of axonal growth and a target of interest in spinal cord injury and neuro-regeneration research. Our research-grade anti-human RTN4 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of atinumab for research use only (RUO). Manufactured to in vivo standards and purified to low endotoxin, it is available in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It is suited to neurite-outgrowth and binding assays, in vitro functional screening, and in vivo neuroscience and injury models, offering reproducible, lot-consistent performance.

**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