

# Cinpanemab Biosimilar - Research Grade

**Product Code:** ICH5439

**More Information**

**Species Reactivity:** Human

**Target:** SNCA $\alpha$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - lambda2

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P37840;P37840;O55042;P37377

**Shipping Conditions:** Blue ice

**background:** Alpha-synuclein (SNCA) is a presynaptic protein whose aggregation into Lewy bodies is a hallmark studied across Parkinson's disease and synucleinopathy research. This reagent is an unconjugated, non-therapeutic analog of cinpanemab, a human IgG1-lambda recombinant antibody supplied for research use only. It is formulated with low endotoxin to in vivo-grade standards and manufactured in scalable milligram-to-gram quantities for high-throughput neuroscience laboratories. It supports functional and binding assays, alpha-synuclein aggregation and seeding studies, in vitro screening and preclinical models of synucleinopathy, with reliable performance across lots. As a research-use-only reagent, it combines a low-endotoxin in vivo-grade format with scalable milligram-to-gram production for demanding studies.

**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