

# Amlenetug Biosimilar - Research Grade

**Product Code:** ICH5341

**More Information**

**Species Reactivity:** Human

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

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

**product name H2:** Amlenetug 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 is a hallmark of Parkinson's disease and related synucleinopathies studied in neurobiology. This anti-human SNCA recombinant monoclonal antibody is supplied as an unconjugated, non-therapeutic analog of amlenetug for research use only (RUO). Produced to rigorous in vivo standards and purified to low endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities to serve bulk and high-throughput laboratories. The reagent is appropriate for aggregation and binding assays, in vitro functional screening, and in vivo neurodegeneration models, providing dependable, reproducible 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