

# Stamulumab Biosimilar - Research Grade

**Product Code:** ICH5883

**More Information**

**Species Reactivity:** Human

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

**Concentration:** 5mg/ml

**Isotype:** IgG1 - lambda2

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** O14793

**Shipping Conditions:** Blue ice

**background:** Myostatin (MSTN) is a negative regulator of skeletal-muscle growth, and inhibiting it is a focus of muscle-wasting and metabolic research. This is a non-therapeutic, unconjugated analog of stamulumab, a recombinant anti-myostatin monoclonal antibody supplied for research use only. Manufactured to in vivo standards and formulated with low endotoxin, it is available in scalable milligram to gram quantities for high-throughput programs. It suits myostatin-neutralization functional assays, in vitro myogenesis screens, and in vivo models of muscle growth and atrophy. Reproducible, high-purity preparation supports reliable results across repeated and large-scale experiments. Its scalable supply and batch consistency suit programs that require uniform reagent across many studies.

**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