

Domagrozumab Biosimilar - Research Grade

Product Code: ICH5485

More Information

Species Reactivity: Human

Target: MSTN α 1/2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Domagrozumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: O14793

Shipping Conditions: Blue ice

background: Myostatin (MSTN/GDF8) is a negative regulator of skeletal-muscle growth, making it a key target in muscle-biology, cachexia and metabolic research. Offered as an unconjugated, non-therapeutic analog of domagrozumab, this human IgG1-kappa recombinant antibody is intended for research use only. It is provided in a low-endotoxin, in vivo-suitable format and manufactured in scalable milligram-to-gram quantities for high-throughput laboratories. The antibody supports functional and neutralization assays, myostatin-signaling studies, in vitro screening and preclinical muscle-wasting models examining MSTN activity, with consistent lot-to-lot performance. Manufactured in scalable milligram-to-gram quantities with low endotoxin, it delivers the lot-to-lot reproducibility that heavy-usage laboratories rely on.



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: ≤ 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