

Landogrozumab Biosimilar - Research Grade

Product Code: ICH5624

More Information

Species Reactivity: Human

Target: MSTN $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Landogrozumab 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, central to studies of muscle wasting and metabolic physiology. Our reagent is an unconjugated, non-therapeutic analog of landogrozumab, a human IgG4, kappa monoclonal that neutralizes the human protein and is distributed for research use only (RUO). It is supplied with low endotoxin to support in vivo experimentation and produced across milligram to gram scales to serve heavy-usage and high-throughput laboratories. The antibody is applied in ligand-neutralization and binding assays, in vitro screening, and preclinical muscle and metabolic disease models, where it functions as a reliable, non-therapeutic control for functional and biologics-characterization 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: ≤ 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