

Zampilimab Biosimilar - Research Grade

Product Code: ICH6001

More Information

Species Reactivity: Human

Target: TGM2i¹/2

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Zampilimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P21980

Shipping Conditions: Blue ice

background: Tissue transglutaminase (TGM2) cross-links proteins and contributes to fibrosis, celiac autoimmunity, and tissue remodeling studied across immunology and fibrosis research. Provided as an unconjugated, non-therapeutic analog of zampilimab, this IgG4 recombinant human antibody targets TGM2 and is supplied for research use only (RUO). It is formulated to a low-endotoxin specification suitable for in vivo studies and produced in scalable milligram to gram quantities for high-throughput and heavy-usage laboratories. Researchers use it in enzyme-inhibition and binding assays, in vitro cross-linking screens, control applications, and preclinical fibrosis models.

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