

Budigalimab Biosimilar - Research Grade

Product Code: ICH5417

More Information

Species Reactivity: Human

Target: PDCD1 $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Budigalimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q15116

Shipping Conditions: Blue ice

background: Few targets in immuno-oncology are as intensively researched as programmed cell death protein 1 (PD-1/PDCD1), an inhibitory checkpoint that throttles activated T cells. Provided as an unconjugated, non-therapeutic analog of budigalimab, this human IgG1-kappa recombinant antibody is for research use only (RUO). It is formulated with low endotoxin to in vivo-grade standards and manufactured in scalable milligram-to-gram quantities for bulk and high-throughput laboratories. The antibody supports checkpoint functional assays, T-cell activation studies, ADCC characterization, in vitro screening and in vivo tumor models that examine PD-1 signaling.

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