

Emirodatamab Biosimilar - Research Grade

Product Code: ICH5520

More Information

Species Reactivity: Human

Target: CD3E ϵ 1/2

Concentration: 5mg/ml

Isotype: (scFv - heavy - kappa) - (scFv - heavy - lambda) - scFc

Host: CHO Cells

product name H2: Emirodatamab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P07766

Shipping Conditions: Blue ice

background: The CD3 epsilon chain (CD3E) of the T-cell receptor complex is central to T-cell activation and is widely exploited in bispecific T-cell-engaging formats. Built around CD3E, this research-grade bispecific construct is an unconjugated, non-therapeutic analog of emirodatamab supplied for research use only (RUO). Manufactured under rigorous in vivo conditions, the ultra-pure, low-endotoxin material is available in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It supports preclinical T-cell engager research, including in vitro redirected cytotoxicity assays, T-cell activation profiling, and in vivo efficacy models, while serving as a dependable control reagent for biologics characterization.



Other names: CD3E, IMD18, T3E, TCRE, CD3e molecule, CD3epsilon, CD3 epsilon subunit of T-cell receptor complex

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