

Dafsolimab Biosimilar - Research Grade

Product Code: ICH5460

More Information

Species Reactivity: Human

Target: CD3E ϵ 1/2

Concentration: 5mg/ml

Isotype: IgG2b - kappa

Host: CHO Cells

product name H2: Dafsolimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P07766

Shipping Conditions: Blue ice

background: CD3 epsilon (CD3E) is a core component of the T-cell receptor complex and is essential for T-cell activation signaling, making it a foundational target in immunology research. This product is an unconjugated, non-therapeutic analog of dafsolimab, a human IgG2b-kappa recombinant antibody for research use only (RUO). It is supplied low in endotoxin to in vivo-suitable standards and produced in scalable milligram-to-gram quantities for bulk and high-throughput laboratories. Applications include functional assays, T-cell activation and stimulation studies, immune-cell phenotyping, in vitro screening and preclinical models examining CD3 signaling.

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