

Calpurbatug Biosimilar - Research Grade

Product Code: ICH5422

More Information

Species Reactivity: Human

Target: Bacterial Protein HU

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Calpurbatug Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Bacterial protein HU is a nucleoid-associated DNA-binding protein important to bacterial chromosome organization and a target studied in antimicrobial and host-pathogen research. This reagent is an unconjugated, non-therapeutic analog of calpurbatug, a human IgG1-kappa recombinant antibody supplied for research use only. It is formulated with low endotoxin to in vivo-suitable standards and produced in scalable milligram-to-gram quantities for bulk and high-throughput microbiology laboratories. It supports functional and binding assays, protein-interaction studies, in vitro screening and preclinical models investigating bacterial HU protein biology, with reliable consistency.

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