

Quetmolimab Biosimilar - Research Grade

Product Code: ICH5795

More Information

Species Reactivity: Human

Target: CX3CL1

Concentration: 5mg/ml

Isotype: IgG2 - kappa

Host: CHO Cells

product name H2: Quetmolimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P78423

Shipping Conditions: Blue ice

background: CX3CL1 (fractalkine) is a membrane-anchored chemokine guiding leukocyte adhesion and migration in inflammation. This human IgG2 kappa antibody is an unconjugated, non-therapeutic analog of quetmolimab, produced in CHO cells against human CX3CL1. Released for research use only, it is formulated to low endotoxin for in vivo suitability and manufactured in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. It serves as a consistent reagent for chemokine-neutralization assays, leukocyte-adhesion studies, functional readouts, and preclinical models of inflammatory disease. Predictable performance across batches helps standardize multi-arm experimental designs.

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