

Leronlimab Biosimilar - Research Grade

Product Code: ICH5634

More Information

Species Reactivity: Human

Target: CCR5

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Leronlimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P51681

Shipping Conditions: Blue ice

background: CCR5 is a chemokine receptor that doubles as the principal co-receptor used by HIV-1 to enter target cells, placing it at the center of antiviral and immunology research. Built on a human IgG4, kappa scaffold, this product is an unconjugated, non-therapeutic analog of leronlimab that targets CCR5 for functional assays. The low-endotoxin formulation is suitable for in vivo studies, and production scales across milligram-to-gram quantities to satisfy bulk and high-throughput laboratories. Intended for research use only (RUO), it supports receptor-blockade experiments, viral-entry inhibition assays, in vitro cell-based screening, and preclinical models of HIV and inflammatory disease.

Other names: C-C chemokine receptor type 5, CC-CKR-5, CCR-5, CHEMR13, HIV-1 fusion coreceptor, CD195

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