

Ligelizumab Biosimilar - Research Grade

Product Code: ICH5644

More Information

Species Reactivity: Human

Target: IgE ϵ 1/2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Ligelizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P01854

Shipping Conditions: Blue ice

background: Immunoglobulin E (IgE) is the central effector antibody of allergic and hypersensitivity responses, and reagents that bind it are widely used in allergy research. This human IgG1, kappa antibody is an unconjugated, non-therapeutic analog of ligelizumab directed at IgE for functional studies. Endotoxin is kept low so the antibody is appropriate for in vivo experiments, and it is produced in scalable milligram-to-gram quantities to keep bulk and high-throughput laboratories well stocked. Offered for research use only (RUO), it is well suited to IgE-blockade assays, Fc ϵ RI interaction studies, in vitro basophil and mast-cell readouts, and preclinical models of allergic disease.

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