

# Lesigercept Biosimilar - Research Grade

**Product Code:** ICH5636

**More Information**

**Species Reactivity:** Human

**Target:** IGHE $\epsilon$ 1/2

**Concentration:** 5mg/ml

**Host:** CHO Cells

**product name H2:** Lesigercept Biosimilar - Research Grade

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

**Buffer:** ICH3002

**UniProt:** P01854

**Shipping Conditions:** Blue ice

**background:** Immunoglobulin E (IgE), encoded by IGHE, is the antibody isotype that drives allergic sensitization and mast-cell activation, making it a long-standing target in allergy research. This reagent is an unconjugated, non-therapeutic analog of lesigercept designed to engage IgE for functional studies. It is provided in a low-endotoxin format suited to in vivo experiments and produced in scalable milligram-to-gram quantities so that bulk and high-throughput laboratories are well supplied. For research use only (RUO), it is useful as a control and active reagent in IgE-neutralization assays, mast-cell and basophil activation readouts, in vitro screening, 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:**  $\leq$  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