

Crotedumab Biosimilar - Research Grade

Product Code: ICH5456

More Information

Species Reactivity: Human

Target: GCGR $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Crotedumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P47871

Shipping Conditions: Blue ice

background: The glucagon receptor (GCGR) regulates hepatic glucose output and is a target of interest in diabetes and metabolic-disease research. Provided as an unconjugated, non-therapeutic analog of crotedumab, this human IgG4-kappa recombinant antibody is for research use only. It is supplied with low endotoxin to in vivo-grade standards and manufactured in scalable milligram-to-gram quantities for bulk and high-throughput laboratories. The antibody supports functional and receptor-blockade assays, glucagon-signaling studies, in vitro screening and preclinical metabolic-disease models examining GCGR activity. Its low-endotoxin, in vivo-grade formulation and scalable milligram-to-gram supply make it dependable for repeat, high-volume experimentation.

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