

Pexelizumab Biosimilar - Research Grade

Product Code: ICH5771

More Information

Species Reactivity: Human

Target: C5i $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: scFv - kappa - heavy

Host: CHO Cells

product name H2: Pexelizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P01031

Shipping Conditions: Blue ice

background: Complement component C5 controls the terminal, membrane-lytic arm of the complement cascade. This research-grade reagent is an unconjugated, non-therapeutic analog of pexelizumab, expressed in CHO cells as a single-chain variable fragment (scFv) directed against human C5. For research use only, it is prepared to a low-endotoxin standard appropriate for in vivo studies and produced in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. Its compact, Fc-free scFv format is particularly useful for complement-inhibition assays, functional hemolytic readouts, and preclinical models where small-format binders are preferred. Stringent purification supports robust, repeatable readouts in resource-intensive studies.

Other names: REGN3918,REGN-3918,complement 5, C5a anaphylatoxin

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