

Letaplimab Biosimilar - Research Grade

Product Code: ICH5251

More Information

Species Reactivity: Human

Target: CD47

Concentration: 5mg/ml

Isotype: Human IgG4 - kappa

Host: CHO Cells

product name H2: Letaplimab Biosimilar - Research Grade

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

Buffer: ICH2872

UniProt: Q08722;Q08722;Q61735;P97829;Q08722;Q61735;P97829;;Q61735

Shipping Conditions: Blue ice

background: CD47 is a widely expressed 'don't-eat-me' signal that suppresses macrophage phagocytosis, a central target across innate-immunity and oncology research. This recombinant anti-human CD47 monoclonal is an unconjugated, non-therapeutic analog of letaplimab, supplied for research use only (RUO). Manufactured to in vivo standards with low endotoxin, it is offered in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Applications include functional assays, phagocytosis and SIRP α -blockade studies, reproducible controls, and in vivo tumour-immunity models, providing the consistency required for extended, heavy-usage innate-immunity research.

Other names: CD47, IAP, MER6, OA3, CD47 molecule, integrin associated protein

Specificity: Detects human CD47

Purification Method: This monoclonal antibody was purified using Protein A



Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% 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: 4 weeks