

Opicinumab Biosimilar - Research Grade

Product Code: ICH5738

More Information

Species Reactivity: Human

Target: LINGO1 $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Opicinumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q96FE5

Shipping Conditions: Blue ice

background: LINGO1 is a CNS-restricted signaling protein implicated in myelination and neuronal repair, making it a focus of neuroscience research. This recombinant human IgG1 kappa antibody is an unconjugated, non-therapeutic analog of opicinumab, produced in CHO cells against human LINGO1. Released for research use only, it is delivered in a low-endotoxin format suited to in vivo studies and manufactured in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It supports receptor-blockade assays, functional neuronal studies, and preclinical models of demyelination and neural regeneration. Uniform quality across lots underpins confident comparisons in long-running projects.

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