

Etanercept Biosimilar - Research Grade

Product Code: ICH4022

Bulk Etanercept Biosimilar - Research Grade

Product Specific Citations:

[Barakat, R., Al-Sarraf, H. & Redzic, Z. Hypoxemia exerts detrimental effects on the choroid plexuses and cerebrospinal fluid system in rats. Fluids Barriers CNS 22, 27 \(2025\).
<https://doi.org/10.1186/s12987-024-00613-w>](https://doi.org/10.1186/s12987-024-00613-w)

Product Benefits:

ichorbio's Etanercept Biosimilar - Research Grade is manufactured in a cGMP compliant facility. ichorbio: the best antibodies for *in vivo* research.

Size:

ichorbio's research grade etanercept biosimilar is available in the following sizes: 5mg, 10mg, 20mg, 50mg, 100mg ichorbio regularly manufactures bulk multi-gram amounts of our etanercept biosimilar - please contact us for pricing.

Target:

TNF

Clone:

n/a

Isotype:

n/a

Other Names:

Benapali®; Enbrel®

Host:

ichor.bio // hello@ichor.bio

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Humanized

Species Reactivity:

Human

Specificity:

Inhibits TNF. This product is for research use only.

Background:

Etanercept biosimilar is a dimeric fusion protein consisting of the extracellular ligand-binding portion of the human 75 kilodalton (p75) tumor necrosis factor receptor (TNFR) linked to the Fc portion of human IgG1. The Fc component of etanercept contains the CH2 domain, the CH3 domain and hinge region, but not the CH1 domain of IgG1. Etanercept biosimilar is produced by recombinant DNA technology in a Chinese hamster ovary (CHO) mammalian cell expression system. It consists of 934 amino acids and has an apparent molecular weight of approximately 150 kilodaltons.

Concentration:

>5.0 mg/ml

Formulation:

Sterile, preservative-free, clear, and colorless solution containing 10mM Tris +40g/L mannitol pH7.5

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

Etanercept Biosimilar - Research Grade is stable for at least four (4) weeks when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.



Applications:

Functional Assays

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use: ichorbio's Etanercept Biosimilar is for research use only (RUO).