

# Teduglutide Biosimilar - Research Grade

**Product Code:** ICH5906

**More Information**

**Species Reactivity:** Human

**Target:** GLP2R<sup>1/2</sup>

**Concentration:** 5mg/ml

**Host:** CHO Cells

**product name H2:** Teduglutide Biosimilar - Research Grade

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

**Buffer:** ICH3002

**UniProt:** O95838

**Shipping Conditions:** Blue ice

**background:** Glucagon-like peptide-2 acts through the GLP-2 receptor (GLP2R) to promote intestinal growth and mucosal repair. This research-grade product is a non-therapeutic analog of teduglutide, a recombinant GLP-2 receptor-agonist peptide rather than an antibody, supplied strictly for research use only. It is manufactured to in vivo standards in a low-endotoxin format and offered in scalable milligram to gram quantities to support heavy-usage laboratories. The reagent is suited to receptor-activation functional assays, in vitro intestinal-epithelial signaling studies, and in vivo models of gut growth and repair. Lot-to-lot reproducibility and ample availability make it well suited to extended, high-volume research efforts.

**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:**  $\leq 1.0$  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