

# Prafnosbart Biosimilar - Research Grade

**Product Code:** ICH5784

**More Information**

**Species Reactivity:** Human

**Target:** ACVR1 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q04771

**Shipping Conditions:** Blue ice

**background:** ACVR1 (ALK2) is a BMP type-I receptor implicated in heterotopic ossification and fibrodysplasia research. This unconjugated human IgG1 kappa antibody is a non-therapeutic analog of prafnosbart, generated in CHO cells against human ACVR1. Released for research use only, it is formulated to low endotoxin for in vivo suitability and supplied in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. It is appropriate for receptor-signaling and blockade assays, BMP-pathway studies, functional readouts, and preclinical models of bone and connective-tissue disorders. Stringent purification supports robust, repeatable readouts in resource-intensive studies.

**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