

# Samatatum Biosimilar - Research Grade

**Product Code:** ICH5845

**More Information**

**Species Reactivity:** Human

**Target:** F3 $\alpha$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P13726

**Shipping Conditions:** Blue ice

**background:** Tissue factor (F3) initiates the extrinsic coagulation cascade and contributes to thrombosis, inflammation, and tumor biology. This is a non-therapeutic, unconjugated analog of samatatum, a recombinant monoclonal antibody recognizing tissue factor, supplied for research use only. Built to in vivo specifications and formulated with low endotoxin, it is available in scalable milligram to gram quantities to support sustained, high-throughput study. The reagent suits coagulation-pathway functional assays, in vitro receptor-binding screens, and in vivo models investigating tissue-factor signaling and thrombotic mechanisms. Its reproducible formulation and scalable volumes support standardized results in bulk research.

**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