



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



# Ranibizumab Biosimilar - Research Grade

**Bulk Ranibizumab Biosimilar - Research Grade**

## **Product Specific Citations:**

Gupta et al. Topical Delivery of Ranibizumab drops in Anti-aggregation diluent formula for retinal Delivery in Rabbits. ARVO Annual Meeting Abstract (2023).

## **Product Benefits:**

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

## **Size:**

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

## **Target:**

VEGF-A

## **Clone:**

n/a

## **Isotype:**

IgG1 kappa

## **Other Names:**

Vascular endothelial growth factor A, VPF, Vascular Permeability Factor

## **Host:**

Humanized

## **Species Reactivity:**

Human

## **Specificity:**

Detects human VEGF.

**Purification Method:**

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

**Background:**

Ranibizumab is a recombinant humanized IgG1 kappa isotype monoclonal antibody fragment designed for intraocular use. Ranibizumab binds to and inhibits the biologic activity of human vascular endothelial growth factor A (VEGF-A). Ranibizumab, which lacks an Fc region, has a molecular weight of approximately 48 kilodaltons and is produced by CHO expression system.

**Concentration:**

1.0 - 5.0 mg/ml

**Formulation:**

Sterile, colorless to pale yellow solution containing histidine hydrochloride, 10% trehalose dihydrate and Tween 20. pH 5.5. BSA and Azide free.

**Purity:**

>95% by SDS-PAGE and HPLC

**Endotoxin:**

? 0.75 EU/mg as determined by the LAL method

**Storage:**

Ranibizumab 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 ranibizumab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG1 Isotype Control \(IB1\) \[ICH2254\]](#)