

## Product Specification

Version 02  
Issued November 2025

<b>Product Name</b>	GingisKHAN™ Fab Kit
<b>Product Number</b>	B0-GFK-020
<b>Product Composition</b>	<ul style="list-style-type: none"><li>• GingisKHAN Lyophilized 1 vial with 2000 units of enzyme lyophilized in TBS, pH 8.0.</li><li>• CaptureSelect™ IgG-CH1<sup>1</sup> Microspin 4 Microspin columns, each contains 0.1 ml settled resin with affinity ligand immobilized on agarose. The resin is suspended in 20% ethanol.</li><li>• GingisKHAN Reducing Agent 5 vials of L-cysteine lyophilized in Tris buffer yielding 20 mM L-cysteine upon reconstitution.</li></ul>
<b>Manufacturer</b>	Genovis AB, Sweden
<b>Appearance</b>	White to light yellow powder / White suspension (columns)
<b>Enzyme Activity</b>	One unit of GingisKHAN digests ≥95% of 1 µg human IgG1 when incubated in 0.1 M Tris, 2 mM L-cysteine, pH 8.0, at 37°C for 1 hour, based on SDS-PAGE analysis.
<b>Dynamic binding capacity</b>	>20 mg human IgG per ml of CaptureSelect™ IgG-CH1 resin
<b>Source</b>	The GingisKHAN (Kgp) enzyme is purified from <i>Porphyromonas gingivalis</i> .  CaptureSelect™ IgG-CH1 resin contains agarose with immobilized, recombinantly expressed llama antibody fragment.
<b>Bioburden*</b>	The GingisKHAN enzyme is free from microbial contamination.
<b>Quality Standard</b>	ISO 9001:2015
<b>Shipping Conditions</b>	Shipped cold with gel ice refrigerants
<b>Storage Temperature</b>	The GingisKHAN enzyme and the GingisKHAN Reducing Agent are stored at -20°C. The CaptureSelect IgG-CH1 columns are stored at +4-8°C.

\* Tested on Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.

<sup>1</sup> Made with Thermo Scientific™ CaptureSelect™ resin from Thermo Fisher Scientific Inc. and its subsidiaries. Thermo Scientific and CaptureSelect are trademarks of Thermo Scientific Inc. and its subsidiaries.