



Product Name	GingisKHAN® Fab Kit
Product Number	B0-GFK-020
Product Composition	<ul style="list-style-type: none">- 2000 Units of GingisKHAN proteolytic enzyme lyophilized from Tris buffer.- 5 vials GingisKHAN Reducing Agent. Lyophilized L-cysteine hydrochloride formulated in Tris.- 4 micro columns of CaptureSelect™ IgG-CH1* affinity ligand immobilized on agarose. Agarose resin suspended in 20% ethanol/water (V/V).
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder/White suspension.
Source	<ul style="list-style-type: none">- GingisKHAN is purified from <i>Porphyromonas gingivalis</i>.- CaptureSelect IgG-CH1 resin contains agarose immobilized recombinantly expressed Llama antibody fragment.
Unit definition	One unit is defined as the amount of enzyme required to fragment $\geq 95\%$ of 1 μg of human IgG1 in 0.1 M Tris, pH 8.0 in 1 hour at 37°C in presence of 2 mM cysteine, as monitored by SDS-PAGE.
Dynamic Binding Capacity	>15 mg IgG per ml agarose resin.
Bioburden**	GingisKHAN enzyme absent of microbial contamination.
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	GingisKHAN enzyme and Reducing Agent should be stored at -20°C upon arrival. CaptureSelect IgG-CH1 columns should be stored at + 4-8°C upon arrival.

* Made with Thermo Scientific™. CaptureSelect™ resin from Thermo Fisher Scientific Inc. and its subsidiaries. Thermo Scientific and CaptureSelect are trademarks of Thermo Fisher Scientific Inc. and its subsidiaries.

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