

Product Specification

Version 03
Issued November 2025

Product Name	GingisKHAN™ Lyophilized
Product Number	B0-GKH-020
Product Composition	The GingisKHAN enzyme is lyophilized in 100 mM Tris, 75 mM NaCl, pH 8.0, with a total of 2000 units per vial.
Manufacturer	Genovis AB, Sweden
Appearance	White to light yellow powder
Enzyme Activity	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.
Physical Purity	Purified to ≥90% homogeneity based on SDS-PAGE analysis with Coomassie Blue detection.
Source	The GingisKHAN (Kgp) enzyme is purified from <i>Porphyromonas gingivalis</i> .
Bioburden*	Free from microbial contamination
Quality Standard	ISO 9001:2015
Shipping Conditions	Shipped cold with gel ice refrigerants
Storage Temperature	-20°C

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