



Last revised January 2020

Product Name	GingisKHAN®
Product Number	B0-GKH-020
Product Composition	2000 units of GingisKHAN proteolytic enzyme lyophilized in Tris buffer.
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder.
Source	GingisKHAN (KGP) enzyme is purified from <i>Porphyromonas gingivalis</i> .
Bioburden*	Absence of microbial contamination.
Enzyme Activity	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.
Physical Purity	Purified to $\geq 90\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	-20°C

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