



Last revised January 2020

Product Name	GingisREX®
Product Number	B0-GRX-005
Product Composition	5 µg of GingisREX, cysteine protease formulated in 20mM Bis-Tris, 150 mM NaCl, 5 mM CaCl ₂ , pH 6.8. Supplied as lyophilized powder.
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder.
Source	GingisREX (RGP) enzyme is purified from <i>Porphyromonas gingivalis</i> .
Physical Purity	Purified to ≥ 95% homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	-20°C

Quality Control Assay

GingisREX is tested to ensure lot-to-lot consistency. The activity and specificity of GingisREX is tested on oxidized insulin β-chain at a protease:substrate ratio of 1:20 and 1:200. The digestion reaction is performed at 37°C for 30 min and 18h and analysed with RP-HPLC. Two peaks specific for GingisREX activity are generated.