



Last revised May 2025

<b>Product Name</b>	GingisREX® Lyophilized
<b>Product Number</b>	B0-GRX-005 / B0-GRX-025
<b>Product Composition</b>	5 $\mu\text{g}$ (B0-GRX-005) or 5x5 $\mu\text{g}$ (B0-GRX-025) of GingisREX cysteine protease formulated in 20mM Bis-Tris, 150 mM NaCl, 5 mM $\text{CaCl}_2$ , pH 6.8. Supplied as lyophilized powder.
<b>Manufacturer</b>	Genovis AB, Sweden.
<b>Appearance</b>	White to light yellow powder.
<b>Enzyme Activity</b>	The activity and specificity of GingisREX is tested on oxidized insulin $\beta$ -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.
<b>Source</b>	GingisREX (RGP) enzyme is purified from <i>Porphyromonas gingivalis</i> .
<b>Physical Purity</b>	Purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
<b>Shipping Conditions</b>	Shipped cold with gel ice refrigerants.
<b>Storage Temperature</b>	-20°C