

<i>Product Name</i>	GingisREX™
<i>Product Number</i>	B0-GRX-005
<i>Product composition</i>	5µg of GingisREX™, cysteine protease formulated in 20 mM Bis-Tris, 150 mM NaCl, 5 mM CaCl ₂ , pH 6.8 without preservatives, supplied as lyophilized powder.
<i>Physical purity</i>	Purified to ≥ 95% homogeneity as determined by SDS-PAGE and HPLC.
<i>Manufacturer</i>	Genovis AB, Sweden
<i>Storage temp</i>	-20°C
<i>Appearance</i>	White to light yellow powder
<i>Biological source</i>	<i>Porphyromonas gingivalis</i>
<i>Stability</i>	1 year when stored at -20°C. After reconstitution 1 month when stored at +4-8°C.

Quality Control Assay

GingisREX™ is tested to ensure lot-to-lot consistency. Activity (performance) and purity is checked with HPLC. The 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 analyzed with RP- HPLC. Two peaks specific for GingisREX™ activity are generated.