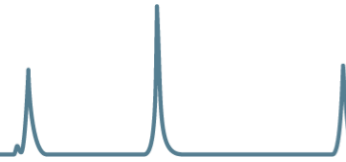




Last revised Jan 2023

Product Name	FabULOUS™ Fab Kit
Product Number	A1-PKF-020
Product Composition	<p>1x 2000 units of FabULOUS proteolytic enzyme lyophilized in Tris buffer saline (TBS) pH 7.6.</p> <p>4x 0.1 ml settled resin of CaptureSelect™ LC-kappa* (mur) affinity ligand immobilized on agarose suspended in 10-20% ethanol/water (v/v)</p>
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder/suspension.
Source	<p>FabULOUS (SpeB) enzyme is cloned from <i>Streptococcus pyogenes</i> and expressed in <i>E. coli</i>. CaptureSelect LC-kappa (mur) contains agarose with immobilized recombinantly expressed Llama antibody fragment.</p>
Bioburden	FabULOUS enzyme is absent of microbial contamination. Tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar
Enzyme Activity	One unit is defined as the amount of enzyme required to digest $\geq 95\%$ of 1 μg of human IgG1 in PBS pH 7.4 with 5 mM DTT or TCEP at 37°C for 1 hour as monitored by SDS-PAGE. This is also valid for 1 μg of mouse IgG1 in presence of 30-50 mM L-cysteine as reducing agent.
Binding Capacity	>10 mg mouse IgG per ml CaptureSelect LC-kappa resin.
Physical Purity	FabULOUS enzyme purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	-20°C for FabULOUS enzyme, +4-8°C for CaptureSelect LC-kappa columns



* Made with Thermo Scientific™ CaptureSelect™ resin from Thermo Fisher Scientific Inc. and its subsidiaries. Thermo Scientific and CaptureSelect are trademarks of Thermo Scientific Inc. and its subsidiaries.