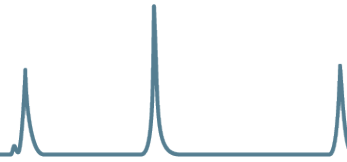


Revised December 2019

Product Name	FabULOUS® Fab Kit mouse
Product Number	A1-PKF-020
Product Composition	1x 2000 units of FabULOUS proteolytic enzyme lyophilized in Tris buffer saline (TBS) pH 7.6. 4x 0.1 ml settled resin of CaptureSelect™ LC-kappa* (mur) affinity ligand immobilized on agarose suspended in 10-20% ethanol/water (v/v)
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder/suspension.
Source	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.
Bioburden	FabULOUS enzyme is absent of microbial contamination.**
Enzyme Activity	One unit is defined as the amount of enzyme required to digest ≥ 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 ≥ 95% homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Cold with gel ice refrigerants.
Storage Temperature	-20°C for FaULOUS 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.

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