

Product Specification

Version 02
Issued January 2026

Product Name	FabULOUS™ Fab Kit
Product Number	A1-PFK-020
Product Composition	<ul style="list-style-type: none">FabULOUS Lyophilized 1 vial with 2000 units of enzyme lyophilized in TBS, pH 7.6.CaptureSelect™ LC-kappa (mur)¹ 4 Microspin columns, each contains 0.1 ml settled resin with affinity ligand immobilized on agarose. The resin is suspended in 20% ethanol.
Manufacturer	Genovis AB, Sweden
Appearance	White to light yellow powder / White suspension (columns)
Enzyme activity	One unit FabULOUS digests ≥95% of 1 µg human IgG1 when incubated in 10 mM sodium phosphate, 137 mM NaCl, 2.7 mM KCl, pH 7.4 with 5 mM DTT or TCEP, at 37°C, for 1 hour based on SDS-PAGE analysis. This is also valid for digesting 1 µg of mouse IgG1 in presence of 30-50 mM L-cysteine as reducing agent.
Biding capacity	>10 mg mouse IgG per ml of CaptureSelect™ LC-kappa (mur) resin
Source	The FabULOUS (SpeB) enzyme is recombinantly expressed in in <i>E. coli</i> . CaptureSelect™ LC-kappa (mur) contains agarose with immobilized, recombinantly expressed llama antibody fragment.
Bioburden*	The FabULOUS enzyme is free from microbial contamination.
Quality Standard	ISO 9001:2015
Shipping Conditions	Shipped cold with gel ice refrigerants
Storage Temperature	The FabULOUS enzyme is stored at -20°C. The CaptureSelect LC-kappa (mur) columns are stored at +4-8°C.

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

¹ 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.