

## Product Specification

Version 02  
Issued December 2025

<b>Product Name</b>	FabULOUS™ Lyophilized
<b>Product Number</b>	A0-PU1-020
<b>Product Composition</b>	The FabULOUS enzyme is lyophilized in TBS, pH 7.6, with a total of 2000 units per vial.
<b>Manufacturer</b>	Genovis AB, Sweden
<b>Appearance</b>	White to light yellow powder
<b>Enzyme Activity</b>	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.
<b>Physical Purity</b>	Purified to ≥95% homogeneity based on SDS-PAGE analysis with Coomassie Blue detection.
<b>Source</b>	The FabULOUS (SpeB) enzyme is recombinantly expressed in <i>E. coli</i> .
<b>Bioburden*</b>	Free from microbial contamination
<b>Quality Standard</b>	ISO 9001:2015
<b>Shipping Conditions</b>	Shipped cold with gel ice refrigerants
<b>Storage Temperature</b>	-20°C

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