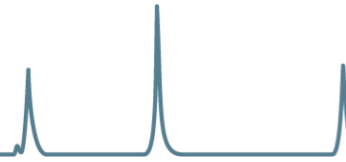


<b>Product Name</b>	FabULOUS™ Fab Kit mouse
<b>Product Number</b>	A1-PKF-020
<b>Product Composition</b>	1x 2000 units of FabULOUS proteolytic enzyme lyophilized in Tris buffer saline (TBS) pH 7.6.  4x 0.1 ml settled resin of CaptureSelect™ LC-kappa* (mur) affinity ligand immobilized on agarose suspended in 10-20% ethanol/water (v/v)
<b>Manufacturer</b>	Genovis AB, Sweden.
<b>Appearance</b>	White to light yellow powder/suspension.
<b>Source</b>	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.
<b>Bioburden</b>	FabULOUS enzyme is absent of microbial contamination. Tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar
<b>Enzyme Activity</b>	One unit is defined as the amount of enzyme required to digest $\geq 95\%$ of 1 $\mu\text{g}$ 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 $\mu\text{g}$ of mouse IgG1 in presence of 30-50 mM L-cysteine as reducing agent.
<b>Binding Capacity</b>	>10 mg mouse IgG per ml CaptureSelect LC-kappa resin.
<b>Physical Purity</b>	FabULOUS enzyme purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
<b>Shipping Conditions</b>	Cold with gel ice refrigerants.
<b>Storage Temperature</b>	-20°C for FabULOUS enzyme, +4-8°C for CaptureSelect LC-kappa columns



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