



Last revised Jan 2023

<b>Product Name</b>	SialEXO® Lyophilized 2000 units
<b>Product Number</b>	G1-SM1-020
<b>Product Composition</b>	2000 units of SialEXO, exoglycosidase lyophilized in Tris buffer saline (TBS).
<b>Manufacturer</b>	Genovis AB, Sweden.
<b>Appearance</b>	White to light yellow powder.
<b>Source</b>	SialEXO enzymes are cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E.coli</i> .
<b>Bioburden*</b>	Absence of microbial contamination.
<b>Enzyme Activity</b>	One unit SialEXO hydrolyses sialic acids from $\geq 90$ % of 1 $\mu$ g glycoprotein (fetuin) when incubated in 20 mM Tris pH 6.8 at 37 °C for 2 h at 37°C, evaluated by fluorometric assay.
<b>Physical Purity</b>	Purified to $\geq 90$ % homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
<b>Shipping Conditions</b>	Shipped at ambient temperature.
<b>Storage Temperature</b>	-20°C

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