

Product Name	SialEXO™
Product Number	G1-SM1-020
Product composition	2000 Units of SialEXO™, exoglycosidase lyophilized in Tris buffer saline (TBS).
Manufacturer	Genovis AB, Sweden
Appearance	White to light yellow powder.
Source	SialEXO™ enzymes are cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E.coli</i> .
Bioburden*	Absence of microbial contamination.
Enzyme activity	One unit SialEXO™ hydrolyses sialic acids from ≥ 90 % of 1 μ g glycoprotein (fetuin) when incubated in 20 mM Tris pH 6.8 at 37 °C for 2 h at 37 °C as monitored by SDS-PAGE
Physical purity	Purified to ≥ 90 % homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping conditions	Cold with Gel Ice Refrigerants.
Storage temp	-20 °C

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