



May 2019

Product Name	SialEXO® 23 500u
Product Number	G1-SD2-005
Product Composition	500 units of SialEXO™ 23, exoglycosidase specific for α 2-3 linked sialic acids, lyophilized in Tris buffer saline (TBS).
Manufacturer	Made in Sweden by Genovis AB, Lund.
Appearance	White to light yellow powder.
Source	SialEXO™ 23 is cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E. coli</i> .
Bioburden*	Absence of microbial contamination.
Enzyme Activity	One unit of SialEXO® 23 hydrolyses α 2-3 linked sialic acids from $\geq 90\%$ of 1 μ g of glycoprotein (fetuin) when incubated in 20mM Tris pH 7.5 at 37 °C for 1 hour as monitored by SDS-PAGE.
Physical Purity	Purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Shipped cold with Gel Ice Refrigerants.
Storage Temperature	-20 °C
Shelf life	24 months from production date when stored at -20 °C.

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