



Last revised Jan 2023

Product Name	SialEXO [®] 2-3 Lyophilized 500 units
Product Number	G1-SD2-005
Product Composition	500 units of SialEXO 2-3, exoglycosidase specific for α 2-3-sialic acids, lyophilized in Tris buffer saline (TBS).
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder.
Source	SialEXO 2-3 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 2-3 hydrolyses α 2-3-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, evaluated by fluorometric assay.
Physical Purity	Purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Shipped at ambient temperature.
Storage Temperature	-20°C

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