



Last revised Jan 2023

Product Name	GalNAcEXO™ Lyophilized
Product Number	G1-NA1-020
Product Composition	2000 units of GalNAcEXO, exoglycosidase lyophilized in Tris buffer saline (TBS).
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder.
Source	GalNAcEXO enzyme is cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E.coli</i> .
Bioburden	Absence of microbial contamination. Tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.
Enzyme Activity	One unit of GalNAcEXO catalyzes the hydrolysis of α -linked GalNAc residues from $\geq 95\%$ of 2 nmol 4-Nitrophenyl 2-acetamido-2-deoxy- α -D-galactopyranoside when incubated in 20 mM Tris, 1 % ethanol pH 6.8 at 37°C for 30 minutes monitored by reversed phase chromatography.
Physical Purity	Purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Shipped with gel ice refrigerants.
Storage Temperature	-20°C