



Issued September 2020

<b>Product Name</b>	Immobilized GalNAcEXO™
<b>Product Number</b>	G1-NA6-025, G1-NA6-050
<b>Product Composition</b>	0.1 ml settled resin of GalNAcEXO immobilized on agarose. Agarose resin is suspended in 20% ethanol/water (v/v)
<b>Manufacturer</b>	Genovis AB, Sweden
<b>Appearance</b>	White suspension
<b>Source</b>	GalNAcEXO enzyme is cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E.coli</i> . The enzyme is immobilized to highly cross-linked agarose beads.
<b>Bioburden</b>	Absence of microbial contamination tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.
<b>Immobilized Enzyme Activity</b>	0.1 ml of settled Immobilized GalNAcEXO agarose resin catalyzes the hydrolysis of $\alpha$ - linked GalNAc residues from $\geq 95\%$ of 5,5 $\mu\text{mol}$ 4-Nitrophenyl 2-acetamido-2-deoxy- $\alpha$ -D-galactopyranoside when incubated in 20 mM Tris, 10 % ethanol pH 6.8 for 5 min at room temperature monitored by reversed phase chromatography.
<b>Shipping Conditions</b>	Cold with gel ice refrigerants.
<b>Storage Temperature</b>	+4-8°C