

Product Specification

Version 03
Issued December 2025

Product Name	FucosEXO® Lyophilized
Product Number	G1-FM1-020
Product Composition	The FucosEXO enzymes are lyophilized in TBS, pH 7.6, with a total of 2000 units per vial.
Manufacturer	Genovis AB, Sweden
Appearance	White to light yellow powder
Enzyme Activity	One unit of FucosEXO hydrolyzes $\geq 90\%$ of $\alpha 1-2$ and $\alpha 1-3$ linked fucose from 11 nmol 2'-fucosyllactose and 4.5 nmol 3-fucosyllactose when incubated in 20 mM Tris, pH 6.8, at 37°C, for 30 minutes based on UV detection analysis.
Physical Purity	Purified to $\geq 95\%$ homogeneity based on SDS-PAGE analysis with Coomassie Blue detection.
Source	The FucosEXO enzymes are recombinantly expressed in <i>E. coli</i> .
Bioburden*	Free from microbial contamination
Quality Standard	ISO 9001:2015
Shipping Conditions	Shipped cold with gel ice refrigerants
Storage Temperature	-20°C

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