

Product Name	OpeRATOR™
Product Number	G2-OP1-020
Product composition	<ul style="list-style-type: none">• 2000 Units of OpeRATOR™ (G1-OP1-020), endoprotease specific for digesting peptide bond at the site of O-glycans on glycoproteins• 2000 Units of SialEXO™ (G1-SM1-020), enzyme for removal of sialic acids on glycoproteins Lyophilized in Tris buffer saline pH 7.6 (TBS)
Manufacturer	Genovis AB, Sweden
Appearance	White to light yellow powder
Source	OpeRATOR™ and SialEXO™ enzymes are cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E. coli</i> .
Bioburden*	Absence of microbial contamination
Enzyme activity	One unit of enzyme digests $\geq 90\%$ of 1 μg TNF α R in combination with one unit SialEXO™ in 20 mM Tris buffer pH 6.8, 2h at 37 °C as monitored by SDS-PAGE.
Physical purity	Purified to $\geq 90\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping conditions	Cold with Gel Ice Refrigerants
Storage temp	-20 °C

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

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