



Product Name	OpeRATOR® Lyophilized
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 bonds at the site of O-glycans on glycoproteins.• 2000 units of SialEXO® Lyophilized (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 OpeRATOR digests $\geq 90\%$ of 1 μg TNF α R in combination with one unit of 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	Shipped at ambient temperature.
Storage Temperature	-20°C

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