

Product Specification

Version 03
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Product Name	OpeRATOR™ Lyophilized
Product Number	G2-OP1-020
Product Composition	<p>The product contains two components.</p> <ul style="list-style-type: none">• The OpeRATOR enzyme (G1-OP1-020) is lyophilized in TBS, pH 7.6, with a total of 2000 units per vial.• The SialEXO enzyme (G1-SM1-020) is 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 OpeRATOR, in combination with one unit SialEXO, digests ≥90% of 1 µg TNFαR when incubated in 20 mM Tris, pH 6.8, at 37°C for 2 hours, based on SDS-PAGE analysis.
Physical Purity	Purified to ≥90% homogeneity based on SDS-PAGE analysis with Coomassie Blue detection.
Source	The OpeRATOR and SialEXO enzymes are recombinantly expressed in <i>E. coli</i> .
Bioburden*	Free from microbial contamination
Quality Standard	ISO 9001:2015
Shipping Conditions	Shipped at ambient temperature
Storage Temperature	-20°C

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