

<b>Product Name</b>	GlycOCATCH™
<b>Product Number</b>	G3-OC6-002
<b>Product composition</b>	<ul style="list-style-type: none"><li>• 4x Microspin columns with 50 µl settled resin with immobilized GlycOCATCH™ protein (G1-OC6-001) on agarose. The resin is suspended in 20% ethanol/water (v/v).</li><li>• 200 Units of SialEXO™ (G1-SM1-002), enzyme for removal of sialic acids on glycoproteins. Lyophilized in Tris buffer saline (TBS), pH 7.6.</li><li>• 200 Units of OperATOR™ (G1-OP1-002), endoprotease specific for digesting peptide bond at the site of O-glycans on glycoproteins. Lyophilized in TBS, pH 7.6.</li></ul>
<b>Manufacturer</b>	Genovis AB, Sweden
<b>Appearance</b>	The GlycOCATCH™ resin is a white suspension. Lyophilized OperATOR™ and SialEXO™ are white to light yellow powders.
<b>Source</b>	GlycOCATCH™ protein, OperATOR™ and SialEXO™ are engineered proteins ( <i>Akkermansia muciniphila</i> ) and expressed in <i>E. coli</i> .
<b>Bioburden</b>	Absence of microbial contamination*.
<b>Binding capacity</b>	50 µl of settled GlycOCATCH™ resin has a binding capacity of > 50 µg desialylated etanercept in 10 mM sodium phosphate buffer saline, pH 7.4 when incubated 30 minutes at room temperature.
<b>Enzyme activity and purity</b>	<p>One unit of SialEXO™ hydrolyzes sialic acids from ≥ 90% of 1 µg glycoprotein (fetuin) when incubated in 20 mM Tris pH 6.8 at 37°C for 2 h. Purified to ≥ 90% homogeneity as determined by SDS-PAGE.</p> <p>One unit of OperATOR™ digests ≥ 90% of 1 µg of O-glycoprotein (TNFαR) when incubated with one unit of SialEXO in 20 mM Tris pH 6.8 at 37°C for 2 h. Purified to ≥ 90% homogeneity as determined by SDS-PAGE.</p>
<b>Shipping conditions</b>	Cold with gel ice refrigerants.
<b>Storage temp</b>	Microspin columns are to be stored at +4-8°C upon arrival. Lyophilized vials are to be stored at -20°C upon arrival.

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