



Issued January 2024

Product Name	PNGase F Automation 96 x 50 units
Product Number	G1-PFA-050
Product Composition	Each vial contains 50 units of PNGase F lyophilized in 50 mM HEPES buffer pH 7.5.
Manufacturer	Made in Sweden by Genovis AB.
Appearance	White to light yellow powder.
Source	PNGase F is cloned from <i>Elizabethkingia meningoseptica</i> and expressed in <i>E. coli</i> .
Enzyme Activity	One unit is defined as the amount of enzyme required to remove N-glycans from $\geq 95\%$ of 1 μg of etanercept in TBS pH 8.6 in 1 hour at 37°C as monitored by SDS-PAGE.
Unit definition	One unit PNGase F removes N-glycans from $\geq 95\%$ of 1 μg etanercept when incubated in TBS buffer (50 mM Tris-HCl, 150 mM NaCl) pH 8.6 at 37°C for 1 h.
Physical Purity	Purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Shipped at ambient temperature.
Storage Temperature	-20°C.