

Peptide-N-Glycosidase F (PNGase F)

Product Information

Cat#	DIA-786
Descriptions	Peptide-N-Glycosidase F (high mannose, hybrid, and complex oligosaccharides from N-linked glycoproteins) (PNGase F) specifically hydrolyzes the amide bond between asparagine residues and N-linked glycans on glycoproteins, exhibits broad substrate compatibility with high mannose, hybrid and complex type oligosaccharides, and is recognized as the gold standard tool for N-glycomics analysis and glycoprotein characterization.
Applications	Peptide-N-Glycosidase F (high mannose, hybrid, and complex oligosaccharides from N-linked glycoproteins) (PNGase F) serves as a gold standard reagent for N-glycomics detection kits and glycoprotein deglycosylation assay reagent development.
CAS No.	35-1-52
Enzyme Commission Number	EC 3.5.1.52
Enzyme Source	N-linked, from <i>Flavobacterium meningosepticum</i> .
Activity Definition	One unit is defined as the amount of enzyme required to remove > 95% of the carbohydrate from 10 Mug of denatured RNase B in 1 hour at 37°C in a total reaction volume of 10 Mul.