



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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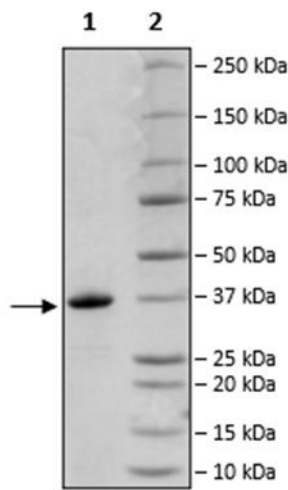
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

Description:	Recombinant <i>E. meningoseptica</i> PNGase F (Peptide-N-Glycosidase F) full-length, encompassing amino acids 1-314(end). This construct contains a C-terminal His-tag (6x His) and was affinity purified.
Background:	PNGase F, also known as peptide-N-Glycosidase F, is an amidase that is widely used to remove N-glycans from glycoproteins and glycopeptides. N-linked glycans are sugar chains attached to asparagine residues of proteins. PNGase works by cleaving between the innermost GlcNAc and asparagine (not when the GlcNAc is linked to a α 1-3 fucose). The glycan-cleaving activity of PNGase F is useful for studying underlying protein structure and glycoprotein behavior in the fields of proteomics, pharmaceutical research, and immunology.
Species:	<i>E. meningoseptica</i>
Construct:	PNGase F (1-314(end)-His)
Enzyme Activity:	500 Units/ μ l
Unit Definition:	One unit is defined as the amount of enzyme required to remove >95% of the carbohydrate from 10 μ g of denatured RNase B in 1 hour at 37°C in a total reaction volume of 20 μ l.
Expression System:	<i>E. coli</i>
Purity:	$\geq$ 90%
Format:	Aqueous buffer solution.
Formulated In:	20 mM Tris-HCl, 50 mM NaCl, 5 mM EDTA, and 50% Glycerol
MW:	36 kDa
Genbank Accession:	AF165910
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Assay Conditions:	Assay run according to the PNGase F Deglycosylation Kit (BPS Bioscience #82864), following the protocol using denaturing conditions.
Applications:	Useful for deglycosylation.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining



PNGase F Activity

