



SZABO SCANDIC

Part of Europa Biosite

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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AMK-GX

Cat. No.:	HY-E70318
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

AMK-GX

BIOLOGICAL ACTIVITY

Description

AMK-GX (Immobilized Penicillin G acylase) is an immobilized penicillin acylase with improved temperature and pH stability. AMK-GX has reusable performance and high recovery rates, retaining much of its original activity after 12 cycles. Among them, AMK-GX can catalyze penicillin G (PG) to generate 6-aminopenicillanic acid (6-APA) and 7-aminodeacetoxycephalosporanic acid, which are key intermediates for β -lactam antibiotics^[1].

REFERENCES

[1]. Zhang B, et al. Immobilized penicillin G acylase with enhanced activity and stability using glutaraldehyde-modified polydopamine-coated Fe₃O₄ nanoparticles. *Biotechnol Appl Biochem*. 2022 Apr;69(2):629-641.

Caution: Product has not been fully validated for medical applications. For research use only.

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