



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Alkaline phosphatase, microorganism

Cat. No.:	HY-P2818C	
CAS No.:	9001-78-9	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Alkaline phosphatase, microorganism
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

Alkaline phosphatase, microorganism is a membrane-bound glycoprotein. It can hydrolyze monophosphate esters at alkaline pH, releasing inorganic phosphate. Alkaline phosphatase, microorganism is also capable of dephosphorylating proteins, and the balance between protein phosphorylation and dephosphorylation plays a key role in regulating various cellular functions. Alkaline phosphatase, microorganism can regulate cell proliferation and differentiation<sup>[1]</sup>.

### REFERENCES

[1]. Santos GM, et al. Intestinal Alkaline Phosphatase: A Review of This Enzyme Role in the Intestinal Barrier Function. *Microorganisms*. 2022 Mar 30;10(4):746.

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

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