



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

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

Oxaloacetate decarboxylase

Cat. No.:	HY-P2837	
CAS No.:	9024-98-0	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Oxaloacetate decarboxylase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Oxaloacetate decarboxylase catalyzes the irreversible decarboxylation of oxaloacetate to pyruvate and CO₂. Oxaloacetate decarboxylase is a member of the sodium ion transport decarboxylase (NaT-DC) enzyme family. Oxaloacetate decarboxylase converts the chemical energy of the decarboxylation reaction into an electrochemical gradient of Na⁺ ions across the membrane^{[1][2]}.

REFERENCES

[1]. Klaffl S, et al. Genetic and functional analysis of the soluble oxaloacetate decarboxylase from *Corynebacterium glutamicum*. *J Bacteriol.* 2010 May;192(10):2604-12.

[2]. Granjon T, et al. Structure-function relations in oxaloacetate decarboxylase complex. Fluorescence and infrared approaches to monitor oxomalonate and Na(+) binding effect. *PLoS One.* 2010 Jun 3;5(6):e10935.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA