



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) 

Superoxide dismutase, Porcine erythrocytes

Cat. No.:	HY-129064	
CAS No.:	9054-89-1	
Target:	SOD	
Pathway:	Immunology/Inflammation	Superoxide dismutase, Porcine erythrocytes
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 10 mg/mL (Need ultrasonic)
----------	---

BIOLOGICAL ACTIVITY

Description	Superoxide dismutase, Porcine erythrocytes (SOD) is the only antioxidant enzyme that scavenges the superoxide anion by converting this free radical to oxygen and hydrogen peroxide, thus preventing peroxynitrite production and further damage. Superoxide dismutase, Porcine erythrocytes is extensively researched and used in anti-inflammatory, antitumor, radiation protection, and antisenility applications ^[1] .
In Vitro	Product Information Molecular weight: 32 kDa pH effective range: 5.0-8.0 Maximum UV absorption wavelength: 258 nm- 269 nm Instructions Soluble in 10 mg/mL ddH₂O, store at 2-8° for 1 weeks. Or dissolve according to specific experimental references. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Wang F, Zhang YQ. Bioconjugation of silk fibroin nanoparticles with enzyme and Peptide and their characterization. Adv Protein Chem Struct Biol. 2015;98:263-91.
- [2]. Maral J, et al. Comparative study of superoxide dismutase, catalase and glutathione peroxidase levels in erythrocytes of different animals. Biochem Biophys Res Commun. 1977 Aug 22;77(4):1525-35.

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