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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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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) 

Human serum albumin (Cell culture grade, Endotoxin<0.125 EU/mg)

Cat. No.:	HY-P1956A
CAS No.:	70024-90-7
Target:	NF-κB; NO Synthase
Pathway:	NF-κB; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Human serum albumin (Cell culture grade, Endotoxin<0.125 EU/mg)

BIOLOGICAL ACTIVITY

Description

Human serum albumin (Cell culture grade, Endotoxin<0.125 EU/mg) (HSA) is the most abundant protein in plasma and is a major determinant of plasma oncotic pressure. Human serum albumin (Cell culture grade, Endotoxin<0.125 EU/mg) exhibits antioxidant, anticoagulant, anti-inflammatory, anti-platelet aggregation activities as well as colloid osmotic action. Human serum albumin (Cell culture grade, Endotoxin<0.125 EU/mg) can block the inhibitory effect of GML on human T cells, providing protective function for T cells. Human serum albumin (Cell culture grade, Endotoxin<0.125 EU/mg) is also associated with cardiovascular diseases and can partially prevent the LPS (HY-D1056) induced oxidative stress, as well as the upregulation of NF-κB, iNOS, and peroxynitrite (ONOO⁻) in the vascular wall, contributing to the reduction of blood pressure [1][2][3].

REFERENCES

- [1]. Arques S. Human serum albumin in cardiovascular diseases. *Eur J Intern Med.* 2018 Jun;52:8-12.
- [2]. Fanali G, et al. Human serum albumin: from bench to bedside. *Mol Aspects Med.* 2012 Jun;33(3):209-90.
- [3]. Zhang MS, et al. Human Serum Albumin (HSA) Suppresses the Effects of Glycerol Monolaurate (GML) on Human T Cell Activation and Function. *PLoS One.* 2016;11(10):e0165083. Published 2016 Oct 20.

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