



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Aspartate aminotransferase, Genetically engineered bacteria

Cat. No.:	HY-P3016
CAS No.:	9000-97-9
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### Aspartate aminotransferase

#### BIOLOGICAL ACTIVITY

<b>Description</b>	Aspartate aminotransferase, Genetically engineered bacteria (EC 2.6.1.1) (AST) is a transaminase enzyme, is often used in biochemical studies. Aspartate aminotransferase catalyzes aspartate and alpha-ketoglutarate converts to oxaloacetate and glutamate. Aspartate aminotransferase can be found in cerebrospinal fluid, exudates, and transudates <sup>[1]</sup> .
<b>In Vitro</b>	This product can be used as a quality control product for ast kits and as an antigen to prepare anti-cAST antibodies.  Molecular weight: ~58kDa (SDS-PAGE) pH Stability: 5.0-9.5(20 ÷ 24 h) Thermal stability: no deactivation below 60 ÷ for 30 min. Reconstitution and dilution buffer: It is recommended to use phosphate buffer containing BSA. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

#### REFERENCES

[1]. Otto-Ślusarczyk D, et al. [Aspartate aminotransferase--key enzyme in the human systemic metabolism]. Postepy Hig Med Dosw (Online). 2016 Mar 16;70:219-30. Polish.

**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