



# 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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## 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, Genetically engineered bacteria

### BIOLOGICAL ACTIVITY

#### Description

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>.

#### In Vitro

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.**

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