



# 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

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## DDC 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001644-T02

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

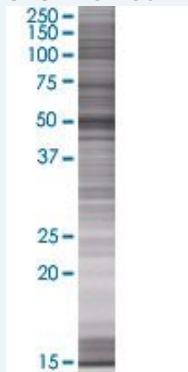
**Plasmid:** pCMV-DDC full-length

**Host:** Human

**Theoretical MW (kDa):** 52.91

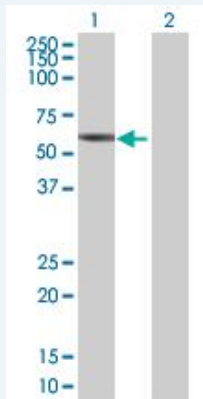
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-DDC antibody (H00001644-B02) by Western Blots.

#### SDS-PAGE Gel



DDC transfected lysate.

#### Western Blot



Lane 1: DDC transfected lysate ( 52.91 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [1644](#)

GeneBank [NM\\_000790.2](#)  
Accession#:

Protein [NP\\_000781.1](#)  
Accession#:

Gene Name: DDC

Gene Alias: AADC

Gene Description: dopa decarboxylase (aromatic L-amino acid decarboxylase)

Omim ID: [107930](#), [608643](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The encoded protein catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. Defects in this gene are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD). AADCD deficiency is an inborn error in neurotransmitter metabolism that leads to combined serotonin and catecholamine deficiency. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]

Other Designations: L-Dopa decarboxylase,aromatic L-amino acid decarboxylase

### Gene Pathway

[Betalain biosynthesis](#) [Biosynthesis of alkaloids derived from shikimate pathway](#)  
[Histidine metabolism](#) [Isoquinoline alkaloid biosynthesis](#) [Metabolic pathways](#)  
[Phenylalanine metabolism](#) [Tryptophan metabolism](#) [Tyrosine metabolism](#)

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