



# 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) 

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

Catalog # : H00003145-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

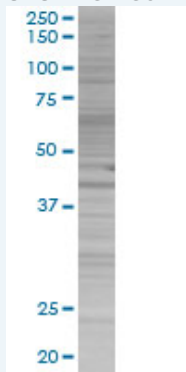
**Plasmid:** pCMV-HMBS full-length

**Host:** Human

**Theoretical MW (kDa):** 39.82

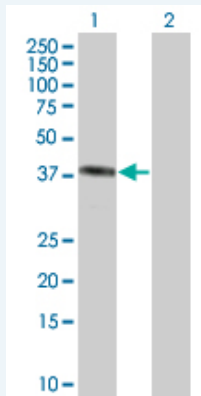
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-HMBS antibody (H00003145-B01) by Western Blots.

#### SDS-PAGE Gel



HMBS transfected lysate.

#### Western Blot



Lane 1: HMBS transfected lysate ( 39.82 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: [3145](#)

GeneBank [NM\\_000190.3](#)  
Accession#:

Protein =  
Accession#:

Gene Name: HMBS

Gene Alias: PBG-D,PBGD,UPS

Gene Description: hydroxymethylbilane synthase

Omim ID: [176000](#), [609806](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the hydroxymethylbilane synthase superfamily. The encoded protein is the third enzyme of the heme biosynthetic pathway and catalyzes the head to tail condensation of four porphobilinogen molecules into the linear hydroxymethylbilane. Mutations in this gene are associated with the autosomal dominant disease acute intermittent porphyria. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

**Other Designations:** porphobilinogen deaminase,pre-uroporphyrinogen synthase,uroporphyrinogen I synthase,uroporphyrinogen I synthetase

### Gene Pathway

[Metabolic pathways](#) [Porphyrin and chlorophyll metabolism](#)

### Related Disease

[Abdominal Pain](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Porphyria](#) [Porphyria, Acute Intermittent](#)

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