



# 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) 

## GADD45A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001647-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

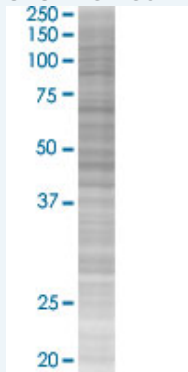
**Plasmid:** pCMV-GADD45A full-length

**Host:** Human

**Theoretical MW (kDa):** 18.3

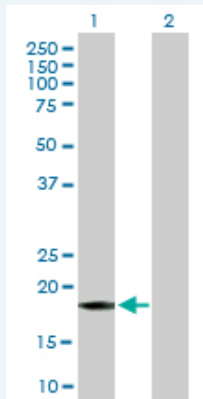
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-GADD45A antibody ([H00001647-B01P](#)) by Western Blots.

#### SDS-PAGE Gel



GADD45A transfected lysate.

#### Western Blot



Lane 1: GADD45A transfected lysate ( 18.30 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

## Western Blot

### Gene Information

Entrez GeneID: [1647](#)

GeneBank Accession#: [NM\\_001924](#)

Protein Accession#: [AAH11757.1](#)

Gene Name: GADD45A

Gene Alias: DDIT1,GADD45

Gene Description: growth arrest and DNA-damage-inducible, alpha

Omim ID: [126335](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms. [provided by RefSeq]

**Other Designations:** DNA damage-inducible transcript 1,DNA damage-inducible transcript-1,DNA-damage-inducible transcript 1,OTTHUMP00000010979,growth arrest and DNA-damage-inducible 45 alpha

### Gene Pathway

[Cell cycle](#) [MAPK signaling pathway](#) [p53 signaling pathway](#)

### Related Disease

[Ataxia telangiectasia](#) [Breast cancer](#) [Breast Neoplasms](#) [Chronic Disease](#) [Colonic Neoplasms](#) [Colorectal Neoplasms](#) [Genetic Predisposition to Disease](#) [Lung Neoplasms](#) [Microsatellite Instability Neoplasms, Glandular and Epithelial](#) [Occupational Diseases](#) [Ovarian cancer](#) [Ovarian Neoplasms](#) [Pulmonary Disease, Chronic Obstructive](#) [Schizophrenia](#) [Schizophrenia, Paranoid](#)