



# 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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## Datasheet

### GADD45A (Human) Recombinant Protein (Q01)

**Catalog Number:** H00001647-Q01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GADD45A partial ORF (AAH11757, 76 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

TLIQAFCCENDINILRVSNPGRRLAELLLLLETDA GPAASE  
GAEQPPDLHCVLVTNPHSSQWKDPALSQLICFCRESR  
YMDQWVVPVNLPER

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 35.53

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

**Entrez GeneID:** 1647

**Gene Symbol:** GADD45A

**Gene Alias:** DDIT1, GADD45

**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]