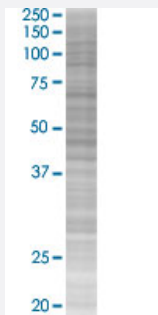


GADD45A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001647-T01

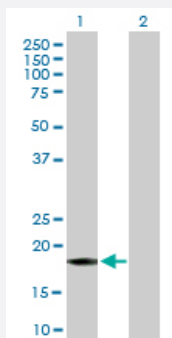
Size 100 uL

Applications



SDS-PAGE Gel

GADD45A transfected lysate.



Western Blot

Lane 1: GADD45A transfected lysate (18.30 KDa)

Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — GADD45A

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 MEK1/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

Pathway

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

Disease

- [Ataxia telangiectasia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chronic Disease](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Microsatellite Instability](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)