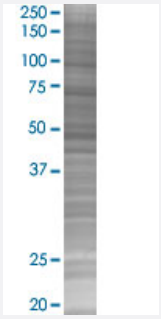
GADD45A 293T Cell Transient Overexpression Lysate(Denatured)

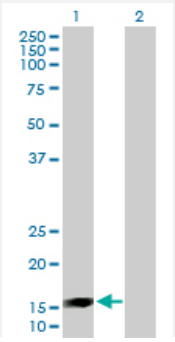
Catalog # H00001647-T02 Size 100 uL

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-B01) 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 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

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