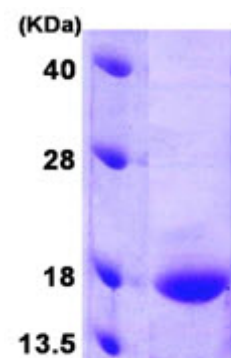


AR09109PU-L

Recombinant human GADD45G (aa 1-159)

Alternate names:	CR6, Cytokine-responsive protein CR6, DDIT2, DNA-damage-inducible transcript 2, Growth arrest and DNA-damage-inducible protein GADD45 gamma
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	GADD45G is a member of GADD45 family (GADD45α, β, and γ) that are nuclear proteins to interact with various proteins implicated in stress responses and cell-cycle-related proteins. The function of GADD45 proteins is involved in growth-regulatory mechanisms and apoptosis. GADD45G protein responds to environmental stresses by mediating activation of p38/JNK pathway via MTK1/MEKK4 kinase and its transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents.
Uniprot ID:	O95257
NCBI:	NP_006696.1
GeneID:	10912
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 7.5)
Description:	Recombinant GADD45G protein was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MTLEELVACD NAAQKMQTVT AAVEELLVAA QRQDRLTVGV YESAKLMNVD PDSVVLCLLA IDEEEDDIA LQIHFTLIQS FCCDNDINIV RVSGMQRLAQ LLGEP AETQG TTEARDLHCL LVTNPHTDAW KSHGLVEVAS YCEESRGNNQ WVPYISLQER Molecular weight: 17.1 kDa (159 aa)
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Zerbini LF., et al. (2004) PNAS 101(37), 13618-23.

Pictures:



15 % SDS-PAGE (3ug)

Recombinant GADD45G, 1-159 aa: 15 %
SDS-PAGE (3 µg)

