

Product datasheet for **AR09109PU-L**

GADD45G (1-159) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GADD45G (1-159) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MTLEELVACD NAAQKMQTVT AAVEELLVAA QRQDRLTVGV YESAKLMNVD PDSVLCCLA IDEEEEDDIA LQIHFTLIQS FCCDNDINIV RVSGMQRLAQ LLGEPATQG TTEARDLHCL LVTNPHTDAW KSHGLVEVAS YCEESRGNQ WVPYISLQER
Predicted MW:	17.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5)
Preparation:	Liquid purified protein
Protein Description:	Recombinant GADD45G protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006696
Locus ID:	10912
UniProt ID:	O95257
Cytogenetics:	9q22.2
Synonyms:	CR6, DDIT2
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 GADD45G is highly expressed in placenta. [provided by RefSeq, Jul 2008]



[View online »](#)

Protein Pathways: Cell cycle, MAPK signaling pathway, p53 signaling pathway

Product images:

