

## Product datasheet for **AR09109PU-N**

### GADD45G (1-159) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	GADD45G (1-159) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MTLEELVACD NAAQKMQTVT AAVEELLVAA QRQDRLTVGV YESAKLMNV D PDSVLCCLA IDEEEDDIA LQIHFTLIQS FCCDNDINIV RVSGMQRLAQ LLGEP AETQG TTEARDLHCL LVTNPHTDAW KSHGLVEVAS YCEESRGN NQ WVPYISLQER
<b>Predicted MW:</b>	17.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5)
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant GADD45G protein was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_006696</a>
<b>Locus ID:</b>	10912
<b>UniProt ID:</b>	<a href="#">O95257</a>
<b>Cytogenetics:</b>	9q22.2
<b>Synonyms:</b>	CR6, DDIT2
<b>Summary:</b>	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]



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

**Product images:**

