

Product datasheet for **RC201364L4V**

GADD45G (NM_006705) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GADD45G (NM_006705) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GADD45G
Synonyms:	CR6; DDIT2; GADD45gamma; GRP17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006705
ORF Size:	477 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201364).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_006705.2
RefSeq Size:	1087 bp
RefSeq ORF:	480 bp
Locus ID:	10912
UniProt ID:	O95257
Cytogenetics:	9q22.2
Domains:	Ribosomal_L7Ae
Protein Pathways:	Cell cycle, MAPK signaling pathway, p53 signaling pathway


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MW: 17.1 kDa

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 GADD45G is highly expressed in placenta. [provided by RefSeq, Jul 2008]