



Human GADD45G blocking peptide (CDBP1325)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GADD45gamma (aa 18 to 28) antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	GADD45G growth arrest and DNA-damage-inducible, gamma [Homo sapiens (human)]
Official Symbol	GADD45G
Synonyms	GADD45G; growth arrest and DNA-damage-inducible, gamma; CR6; DDIT2; GRP17;

GADD45gamma; growth arrest and DNA damage-inducible protein GADD45 gamma; DDIT-2; GADD45-gamma; gadd-related protein, 17 kD; cytokine-responsive protein CR6; DNA damage-inducible transcript 2 protein;

Entrez Gene ID	10912
mRNA Refseq	NM_006705.3
Protein Refseq	NP_006696.1
UniProt ID	O95257
Chromosome Location	9q22.1-q22.2
Pathway	Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; DNA damage response, organism-specific biosystem; FoxO signaling pathway, organism-specific biosystem; IL12-mediated signaling events, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; p38 MAPK signaling pathway, organism-specific biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;
Function	protein binding;