

# Recombinant Full Length Human GADD45G Protein, GST-tagged

**Cat. No.** GADD45G-5208HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GADD45G full-length ORF ( AAH19325, 1 a.a. - 159 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	159 amino acids
<b>Description</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]
<b>Molecular Mass</b>	43.23 kDa
<b>AA Sequence</b>	MTLEEVRGQDTVPESTARMQGAGKALHELLLSAQRQGCLTAGVYESAKVLNVDPD NVTFCVLAAGEEDEGDIALQIHFTLIQAFCCENDIDIVRVGDVQRLAAIVGAGEEAGAP GDLHCILISNPNEAWKDPALKLSLFCEESRSVNDWVPSITLPE
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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**Protein Array**

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

<b>Gene Name</b>	GADD45G growth arrest and DNA-damage-inducible, gamma [ Homo sapiens ]
<b>Official Symbol</b>	GADD45G
<b>Synonyms</b>	GADD45G; growth arrest and DNA-damage-inducible, gamma; growth arrest and DNA damage-inducible protein GADD45 gamma; CR6; DDIT2; gadd related protein; 17 kD; GADD45gamma; growth arrest and DNA damage inducible gamma; GRP17; DDIT-2; GADD45-gamma; gadd-related protein, 17 kD; cytokine-responsive protein CR6; DNA damage-inducible transcript 2 protein;
<b>Gene ID</b>	10912
<b>mRNA Refseq</b>	NM_006705
<b>Protein Refseq</b>	NP_006696
<b>MIM</b>	604949
<b>UniProt ID</b>	O95257

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