

## Recombinant Human GADD45G protein, GST-tagged

Cat. No. GADD45G-410H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GADD45G protein(NP_006696)(1-127 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-127 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	MTLEEVRGQDTVPESTARMQGAGKALHELLLSAQRQGCLTAGVYESAKVLNVDPD NVTFCVLAAGEEDEGDIALQIHFTLIQAFCCENDIDIVRVGDVQRLAAIVGAGEEAGAP GDLHCILISNPNE
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.
<b>Concentration</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

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**Reconstitution** Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** [GADD45G growth arrest and DNA-damage-inducible, gamma \[ Homo sapiens \]](#)

**Official Symbol** [GADD45G](#)

**Synonyms** 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;

**Gene ID** [10912](#)

**mRNA Refseq** [NM\\_006705](#)

**Protein Refseq** [NP\\_006696](#)

**MIM** [604949](#)

**UniProt ID** [O95257](#)

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