

## Recombinant Human GADD45G protein

**Cat. No.** GADD45G-0305H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GADD45G protein(O95257)(Met1-Glu159) was expressed in E. coli.                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-159 a.a.                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant human GADD45G consists of 159 amino acids and predicts a molecular mass of 17.1 KDa. It migrates as an approximately 17 KDa band in SDS-PAGE under reducing conditions.                                                                                             |
| <b>Proteinlength</b>    | Met1-Glu159                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                   |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**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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