

Recombinant Human GADD45G protein

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

SPECIFICATION

Product Overview	Recombinant Human GADD45G protein(O95257)(Met1-Glu159) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-159 a.a.
Form	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.
Molecular Mass	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.
Proteinlength	Met1-Glu159
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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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