

Recombinant Human GADD45G protein, His-SUMO-tagged

Cat. No. GADD45G-2937H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GADD45G protein(O95257)(1-159aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-159aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	33.1 kDa
AA Sequence	MTLEEVRGQDTVPESTARMQGAGKALHELLLSAQRQGCLTAGVYESAKVLNVDPD NVTFCVLAAGEEDEGDIALQIHFTLIQAFCCENDIDIVRVGDVQRLAAIVGAGEEAGAP GDLHCILISNPNEAWKDPALKLSLFCEESRSVNDWVPSITLPE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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