

Recombinant Human GADD45G, His-tagged

Cat. No. GADD45G-26076TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein (Human) fused to His-Tag at N-terminal end.
Species	Human
Source	E.coli
Description	<p>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.</p>
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton X-100, 10mM Tris, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the GADD45 family.

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Full Length Full L.

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;

Gene ID [10912](#)

mRNA Refseq [NM_006705](#)

Protein Refseq [NP_006696](#)

MIM [604949](#)

Uniprot ID [O95257](#)

Chromosome Location 9q22.1-q22.2

Pathway Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; IL12-mediated signaling events, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem;

Function protein binding;

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