

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	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.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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