

Recombinant Human GADD45A protein, His-tagged

Cat. No. GADD45A-3482H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GADD45A protein(94-165 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	94-165 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	NPGRLAELLLLLETDAGPAASEGAEQPPDLHCVLVTNPHSSQWKDPALSQLICFCRE SRYMDQWVPVINLPER
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

 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

storage.

GENE INFORMATION

Gene Name [GADD45A growth arrest and DNA-damage-inducible, alpha \[Homo sapiens \]](#)

Official Symbol [GADD45A](#)

Synonyms GADD45A; growth arrest and DNA-damage-inducible, alpha; DDIT1; growth arrest and DNA damage-inducible protein GADD45 alpha; GADD45; DDIT-1; DNA damage-inducible transcript-1; DNA-damage-inducible transcript 1; DNA damage-inducible transcript 1 protein; growth arrest and DNA-damage-inducible 45 alpha;

Gene ID [1647](#)

mRNA Refseq [NM_001199741](#)

Protein Refseq [NP_001186670](#)

MIM [126335](#)

UniProt ID [P24522](#)

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