

Recombinant Human GADD45A protein, His&GST-tagged

Cat. No. GADD45A-3880H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GADD45A protein(P24522) (Met 1-Arg 165) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-165 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	The recombinant human GADD45A/GST chimera consists of 402 amino acids and has a calculated molecular mass of 46.2 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_001186670.1

Unit ID P24522

Unit ID-Weblink <https://www.uniprot.org/uniprotkb/P24522>

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

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