

Recombinant Human Growth Arrest And DNA-Damage-Inducible, Gamma Interacting Protein 1, His-tagged

Cat. No. GADD45GIP1-1280H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GADD45GIP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	GADD45GIP1, also known as CRIF1, is a nuclear protein that plays a role in apoptosis control. This protein is expressed in a variety of tissues, including heart, thyroid, trachea, kidney, ovary, pancreas, testis and stomach. It functions as a negative regulator of G1 to S phase cell cycle production, specifically by working with GADD45 proteins to inhibit the activity of cyclin-dependent kinases.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 40% glycerol 2mM DTT, 0.2M NaCl.
Molecular Weight	22.6 kDa (196aa), confirmed by MALDI-TOF
Purity	> 90 % by SDS - PAGE
Concentration	0.25 mg/ml (determined by Bradford)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MPRWQLGPRY AAKQFARYGA ASGVVPGSLW PSPEQLRELE AEEREWYPSL ATMQESLRVK QLAEQKRRE REQHIAECMA

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KMPQMIVNWQ QQQRENWEKA QADKERRARL QAEAQELLY QVDPRSARFQ
ELLQDLEKKE RKRLKEEKQK RKKEARAAAL AAVAQDPAA SGAPSS

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

GADD45GIP1 growth arrest and DNA-damage-inducible, gamma interacting protein 1
[Homo sapiens]

Official Symbol

GADD45GIP1

Synonyms

GADD45GIP1; CKBBP2; CKII beta binding protein 2; CKII beta-associating protein; CR6 interacting factor 1; CR6-interacting factor 1; CRIF1; Growth arrest and DNA damage-inducible proteins-interacting protein 1; growth arrest and DNA damage-inducible proteins-interacting protein 1; growth arrest and DNA-damage-inducible, gamma interacting protein 1; MGC4667; MGC4758; p53-responsive gene 6 protein; papillomavirus L2 interacting nuclear protein 1; papillomavirus L2-interacting nuclear protein 1; PLINP1; PLINP-1; Plinp1; PRG6

Gene ID

90480

mRNA Refseq

NM_052850

Protein Refseq

NP_443082

MIM

605162

UniProt ID

Q8TAE8

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Chromosome Location	19p13.2
Function	protein binding