

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

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

## SPECIFICATION

|                                 |   |
|---------------------------------|---|
| <b>Product Overview</b>         | Recombinant human GADD45GIP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.   |
| <b>Species</b>                  | Human   |
| <b>Source</b>                   | Human   |
| <b>Description</b>              | 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. |
| <b>Form</b>                     | Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 40% glycerol 2mM DTT, 0.2M NaCl.   |
| <b>Molecular Weight</b>         | 22.6 kDa (196aa), confirmed by MALDI-TOF  |
| <b>Purity</b>                   | > 90 % by SDS - PAGE  |
| <b>Concentration</b>            | 0.25 mg/ml (determined by Bradford)   |
| <b>Sequences of amino acids</b> | MGSSHHHHHH SSGLVPRGSH MPRWQLGPRY AAKQFARYGA ASGVVPGSLW<br>PSPEQLRELE AEEREWYPSL ATMQESLRVK QLAEQKRRE REQHIAECMA   |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



|                            |                 |
|----------------------------|-----------------|
| <b>Chromosome Location</b> | 19p13.2         |
| <b>Function</b>            | protein binding |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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