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GADD45GIP1 Human

Growth Arrest and DNA-Damage-Inducible Gamma Interacting Protein 1 Human Recombinant
RCP0892

Product Overview

Name	GADD45GIP1 Human

Description

Growth Arrest and DNA-Damage-Inducible Gamma Interacting Protein 1 Human Recombinant

Accession (Primary)	Q8TAE8

Synonyms

Growth arrest and DNA-damage-inducible gamma interacting protein 1, PRG6, CRIF1, PLINP-1, KBBP2, Plinp1, Papillomavirus L2-interacting nuclear protein 1, CKII beta-associating protein, CR6-interacting factor 1, p53-responsive gene 6 protein, CKII beta binding protein 2, growth arrest and DNA damage-inducible proteins-interacting protein 1, papillomavirus L2 interacting nuclear protein 1, PLINP1.

Introduction

GADD45GIP1 is a nuclear protein which takes part in apoptosis control. GADD45GIP1 is expressed in several tissues, such as heart, thyroid, trachea, kidney, ovary, pancreas, testis and stomach and acts as a negative regulator of G1 to S phase cell cycle production by collaborating with GADD45 proteins to inhibit the activity of cyclin-dependent kinases.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The GADD45GIP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.2M NaCl and 40% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH M PRWQLGPRY AAKQFARYGA ASGVVPGSLW PSPEQLRELE AEEREWYPSL ATMQESLRVK QLAEEQKRRE REQHIAECMA KMPQMIVNWQ QQQRENWEKA QADKERRARL QAEAQELLGY

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QVDPRSARFQ ELLQDLEKKE RKRLKEEKQK RKKEARAAAL AAAVAQDPAA SGAPSS

Precautions

GADD45GIP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8TAE8)