

Recombinant Mouse Gadd45gip1 Protein, MYC/DDK-tagged

Cat. No. Gadd45gip1-199M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse growth arrest and DNA-damage-inducible, gamma interacting protein 1 (Gadd45gip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a negative regulator of G1 to S cell cycle phase progression by inhibiting cyclin-dependent kinases. Inhibitory effects are additive with GADD45 proteins but occurs also in the absence of GADD45 proteins. Acts as a repressor of the orphan nuclear receptor NR4A1 by inhibiting AB domain-mediated transcriptional activity. May be involved in the hormone-mediated regulation of NR4A1 transcriptional activity. May play a role in mitochondrial protein synthesis.
Molecular Mass	26.3 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Gadd45gip1 growth arrest and DNA-damage-inducible, gamma interacting protein 1 [Mus musculus (house mouse)]

Official Symbol Gadd45gip1

Synonyms Gadd45gip1; growth arrest and DNA-damage-inducible, gamma interacting protein 1; Crif1; Plinp1; MRP-L59; AI425883; 2310040G17Rik; growth arrest and DNA damage-inducible proteins-interacting protein 1; 39S ribosomal protein L59, mitochondrial; papillomavirus L2 interacting nuclear protein 1

Gene ID 102060

mRNA Refseq NM_183358

Protein Refseq NP_899202

UniProt ID Q9CR59

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