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32-8052: Recombinant Human GADD45gamma/GADD45G (N-6His)(Discontinued)

Gene : GADD45G
Gene ID : 10912
Uniprot ID : O95257

Description

Source: E.coli.
MW :19.28kD.
Recombinant Human GADD45G is produced by our E.coli expression system and the target gene encoding Met1-Glu159 is expressed with a 6His tag at the N-terminus. Growth Arrest and DNA Damage-Inducible Protein GADD45 g (GADD45G) is a nuclear protein which belongs to the GADD45 family. GADD45G is highly expressed in placenta. GADD45G interacts with various proteins whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. GADD45G responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. GADD45G is also involved in the regulation of growth and apoptosis. GADD45G inhibits cell growth and differentiation by androgens. The mRNA expression is down-regulated in hepatocellular carcinoma.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MGSSHHHHHHSSGLVPRGSHMTLEEVRGQDTVPESTARMQGAGKALHELLLSAQRQGCLTAGVYESAKVLN VDPDNVTFCVLAAGEEDEGDIALQIHFTLIQAFCCENDIDIVRVGDVQRLAAIVGAGEEAGAPGDLHCILISNPNE DAWKDPALEKLSLFCEESRSVNDWVPSITLPE

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.