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GADD45A, 1-165aa, Human, His tag, E.coli

产品货号: TP02177

第三版

别名:Growth arrest and DNA damage-inducible protein GADD45 alpha, DDIT1, GADD45

描述:GADD45A, also known as growth arrest and DNA damage-inducible protein, binds both Cdks and PCNA, a protein involved in DNA replication and repair. It has been shown to stimulate DNA excision repair in vitro and to inhibit entry of cells into S phase. This protein may serve as a link between p53-dependent cell cycle checkpoint and DNA repair. Recombinant human GADD45A protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量:19.4 kDa (173aa)

序列:

MTLEEFSSAGEQKTERMDKVGDALEEVLSKALSQRTITVGVYEAAKLLNVDPDNVVLCLLADEDDDDRDVALQIHFTLIQA
FCCENDINILRVSNPGRRLAELLLLLETDAGPAASEGAEQPPDLHCVLVTNPHSSQWKDPALSQLICFCRESRYMDQWVPVIN
LPERLEHHHHHH

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.