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ING1, 1-279 aa Human, His tag, E.coli

产品货号: TP02662

第三版

别名: Inhibitor of growth protein 1, p24ING1c, p33, p33ING1, p33ING1b, p47, p47ING1a

描述: ING1 is a tumor suppressor protein that can induce cell growth arrest and apoptosis. This protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. Recombinant human ING1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量: 34.3 kDa (302aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSM LSPANG EQLHLVNYVEDYLD SIESLPFDLQRNVSLMREIDAKYQEILKELDECYER
FSRETDGAQKRRMLHCVQRALIRSQELGDEKIQIVSQMVELVENRTRQVDSHVELFEAQQELGDTAGNSGKAGADRPKG
EAAAQADKPN SKRSRRQRNNENRENASSNHDHDDGASGTPKEKKAKTSKKKKRSKAKAEREASPADLPIDPNEPTYCLC
NQVSYGEMIGCDNDECPIEWFHFSCVGLNHKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR

纯度: > 95% by HPLC

浓度: 1mg/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.