

32-4017: ING1 Recombinant Protein

Alternative Name : Inhibitor Of Growth Family,Member 1,Growth Inhibitory Protein ING1,Tumor Suppressor ING1,Growth Inhibitor ING1,Inhibitor Of Growth Protein 1,Inhibitor Of Growth 1,P24ING1c,P33ING1b,P47ING1a,P33ING1,P33,P47,ING1 .

Description

Source : Escherichia Coli. ING1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (1-279 a.a) and having a molecular mass of 34.3kDa.ING1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Inhibitor of Growth Family Member 1, also known as ING1 is a tumor suppressor protein which is able to induce cell growth arrest and apoptosis. ING1 is a nuclear protein which physically act together with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. In addition, Reduced expression and rearrangement of ING1 have been identified in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been described for ING1.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : ING1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMLSPANG EQLHLVNYVE DYLDIESLP FDLQRNVSLM REIDAKYQEI
LKELDECYER FSRETDGAQK RRMLHCVQRA LIRSQELGDE KIQIVSQMVE LVENRTRQVD SHVELFEAQQ
ELGDTAGNSG KAGADRPKGE AAAQADKPNS KRSRRQRNNE NRENASSNHD HDDGASGTPK
EKKAKTSKKK KRKAKAERE ASPADLPIDP NEPTYCLCNQ VSYGEMIGCD NDECPIEWFH FSCVGLNHKP
KGKWYCPKCR GENEKTMKA LEKSKKERAY NR.