

## Inhibitor of Growth Family, Member 1 Human Recombinant

<b>Item Number</b>	rAP-3490
<b>Synonyms</b>	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 .
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q9UK53
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMLSPANG EQLHLVNYVE DYLDIESLPL FDLQRNVSLM REIDAKYQEI LKELDECYER FSRETGAQK RRMLHCVQRA LIRSQELGDE KIQIVSQMVE LVENRTRQVD SHVELFEAQQ ELGDTAGNSG KAGADRPKGE AAAQADKPNS KRSRRQRNNE NRE- NASSNHD HDDGASGTPK EKKAKTSKKK KRSKAKAERE ASPADLPIDP NEPTYCLCNQ VSYGEMIGCD NDECPIEFWFH FSCVGLNHKP KGKWYCPKCR GENEKTMDDA LEKSKKERAY NR.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	ING1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**