

Recombinant Full Length Human ING1 Protein

Cat. No. ING1-256HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ING1, isoform 2 with a N terminal proprietary tag: Predicted MW 56.76 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	279 amino acids
Description	This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded 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.
Form	Liquid
Molecular Mass	56.760kDa inclusive of tags
AA Sequence	MLSPANGEQLHLVNYVEDYLDIESLPFDLQRNVSLMREI DAKYQEILKELDECYER FSRETDGAQKRRMLHCVQRALIR SQELGDEKIQIVSQMVENVTRQVDSHVELF EAQQELG DTAGNSGKAGADRPKGAAAQADKPNKRSRRQRNNENRE NASSNH DHDDGASGTPKEKKAKTSKKKKRSKAKAEREASP ADLPIDPNEPTYCLCNQVSYGE MIGCDNDECPIEWFHFSC VGLNHPKPGKWYCPKCRGENEKTMDKALEKSKKERAY

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	NR
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
GENE INFORMATION	
Gene Name	ING1 inhibitor of growth family, member 1 [Homo sapiens]
Official Symbol	ING1
Synonyms	ING1; inhibitor of growth family, member 1; inhibitor of growth protein 1; growth inhibitor ING1; growth inhibitory protein ING1; inhibitor of growth 1; p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a; tumor suppressor ING1
Gene ID	3621
mRNA Refseq	NM_198217
Protein Refseq	NP_937860
MIM	601566
UniProt ID	Q9UK53