

Recombinant Human ING1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ING1-6483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ING1 MS Standard C13 and N15-labeled recombinant protein (NP_937862) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	31.9 kDa
AA Sequence	MLSPANGEQLHLVNYVEDYLDIESLPFDLQRNVSLMREIDAKYQEILKELDECYERF SRETGDAQRRMLHCVQRALIRSQELGDEKIQIVSQMVENVTRTRQVDSHVELFE AQQELGDTAGNSGKAGADRPKGEEAAQADKPNKRSRRQRNNENRENASSNHDH DDGASGTPKEKKAKTSSKKKRSKAKAEREASPADLPIDPNEPTYCLCNQVSYGEMI GCDNDECPIEWFHFSCVGLNHKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

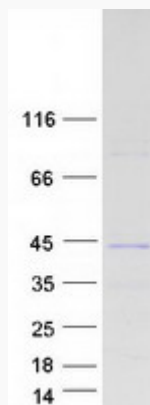
GENE INFORMATION

Gene Name	ING1 inhibitor of growth family member 1 [Homo sapiens (human)]
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_198219
Protein Refseq	NP_937862
MIM	601566
UniProt ID	Q9UK53

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SDS-PAGE

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