Recombinant Human ING4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ING4-2717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ING4 MS Standard C13 and N15-labeled recombinant protein (NP_001121058) 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 contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in the TP53-dependent regulatory pathway. Multiple alternatively spliced transcript variants have been observed that encode distinct proteins.
Molecular Mass	20.3 kDa
AA Sequence	MAAGMYLEHYLDSIENLPFELQRNFQLMRDLDQRTEDLKAEIDKLATEYMSSARSLS SEEKLALLKQIQEAYGKCKEFGDDKVQLAMQTYEMVDKHIRRLDTDLARFEADLKEK QIESSDYDSSSSKGKKKGRTQKEKKAARARSKGKNSDEEAPKTAQKKLKLVRTVPL SGSILPVWGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

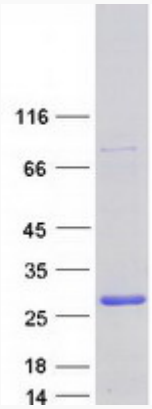
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ING4 inhibitor of growth family member 4 [Homo sapiens (human)]
Official Symbol	ING4
Synonyms	ING4; inhibitor of growth family, member 4; inhibitor of growth protein 4; my036; p29ING4; brain my036 protein; candidate tumor suppressor p33 ING1 homolog; MGC12557;
Gene ID	51147
mRNA Refseq	NM_001127586
Protein Refseq	NP_001121058
MIM	608524
UniProt ID	Q9UNL4

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SDS-PAGE	

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