

Recombinant Full Length Human ING4 Protein, C-Flag-tagged

Cat. No. ING4-1670HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ING4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.3 kDa
AA Sequence	MAAGMYLEHYLDSIENLPFELQRNLFQLMRDLQRTEDLKAEIDKLATEYMSSARSLS SEEKLALLKQIQE AYGKCKEFGDDKVQLAMQTYEMVDKHIRRLDLDLARFEADLKE KQIESDDYDSSSSKGGKKKGRTQKEKKA ARARSKGKNSDEEAPKTAQKKLKLVRTSP EYGMPSVTFGSVHPSDVLDPVDPNEPTYCLCHQVSYGEMI GCDNPDCSIEWFHFACVGLTTKPRGKWFCPRCSQERKKKTRTRPLEQKLISEEDLA ANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	ING4 inhibitor of growth family member 4 [Homo sapiens (human)]
Official Symbol	ING4
Synonyms	my036; p29ING4
Gene ID	51147
mRNA Refseq	NM_016162.4
Protein Refseq	NP_057246.2
MIM	608524

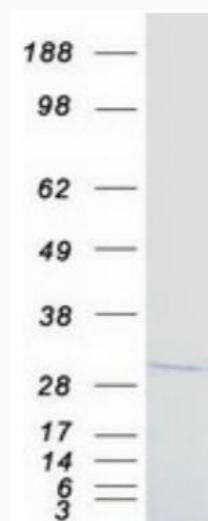
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UniProt ID

Q9UNL4



Coomassie blue staining of purified ING4 protein.

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