

Recombinant Human ING4 Protein, GST-tagged

Cat. No. ING4-5126H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ING4 full-length ORF (AAH07781.1, 1 a.a. - 249 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	54.9 kDa
AA Sequence	MAAGMYLEHYLDSIENLPFELQRNFQLMRDLQRTEDLKAEIDKLATEYMSSARSLS SEEKLALLKQIQEAYGKCKEFGDDKVQLAMQTYEMVDKHIRRLDLDLARFEADLKEK QIESSDYDSSSSKGKKKGRTQKEKKAARARSKGKNSDEEAPKTAQKKLKLVRTSPE YGMPSVTFGSVHPSDVLDMVPDPNEPTYCLCHQVSYGEMIGCDNPDCSIEWFHFA CVGLTTKPRGKWFCPRCSQERKKK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

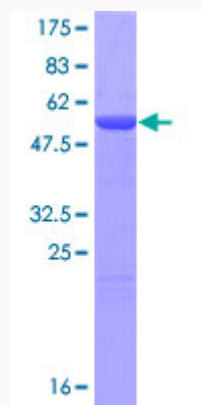
Gene Name	ING4 inhibitor of growth family, member 4 [Homo sapiens]
Official Symbol	ING4
Synonyms	ING4; inhibitor of growth family, member 4; inhibitor of growth protein 4; my036; p29ING4; brain my036 protein; candidate tumor suppressor p33 ING1 homolog; MGC12557;
Gene ID	51147
mRNA Refseq	NM_001127582
Protein Refseq	NP_001121054
MIM	608524
UniProt ID	Q9UNL4

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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