# Recombinant Human ING4 Protein, GST-tagged

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

## SPECIFICATION

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| **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** | MAAGMYLEHYLDSIENLPFELQRNFQLMRDLDQRTEDLKAEIDKLATEYMSSARSLS SEEKLALLKQIQEAYGKCKEFGDDKVQLAMQTYEMVDKHIRRLDTDLARFEADLKEK QIESSDYDSSSSKGKKKGRTQKEKKAARARSKGKNSDEEAPKTAQKKLKLVRTSPE YGMPSVTFGSVHPSDVLDMPVDPNEPTYCLCHQVSYGEMIGCDNPDCSIEWFHFA CVGLTTKPRGKWFCPRCSQERKKK |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production |

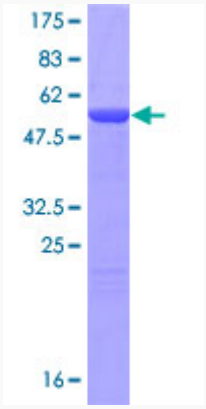
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| | Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced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

## GENE INFORMATION

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| **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** | <br>12.5% SDS-PAGE Stained with Coomassie Blue |

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