

Recombinant Full Length Human ING4 Protein, GST-tagged

Cat. No. ING4-5878HF **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	In Vitro Cell Free System
ProteinLength	249 amino acids
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 YGMPSVTFGSHVPSDVLDPVDPNEPTYCLCHQVSYGEMIGCDNPDCSIEWFHFA CVGLTTKPRGKWFCPRCSQERKKK
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production 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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