

Recombinant Full Length Human ING3 Protein, GST-tagged

Cat. No. ING3-5876HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ING3 full-length ORF (AAH09776, 1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	92 amino acids
Description	The protein encoded by this gene is similar to ING1, a tumor suppressor protein that can interact with TP53, inhibit cell growth, and induce apoptosis. This protein contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This gene can activate p53 trans-activated promoters, including promoters of p21/waf1 and bax. Overexpression of this gene has been shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this gene were detected in head and neck cancers. Two alternatively spliced transcript variants encoding different isoforms have been observed. [provided by RefSeq]
Molecular Mass	35.86 kDa
AA Sequence	MLYLEDYLEMIEQLPMDLRDRFTEMREMDLQVQNAMDQLEQRVSEFFMNAKKNKP EWREEQMASIKKDYKALEDADEKVQLANQIYDLQHF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	ING3 inhibitor of growth family, member 3 [Homo sapiens]
Official Symbol	ING3
Synonyms	ING3; inhibitor of growth family, member 3; inhibitor of growth protein 3; Eaf4; FLJ20089; MEAF4; p47ING3; ING2;
Gene ID	54556
mRNA Refseq	NM_019071
Protein Refseq	NP_061944
MIM	607493
UniProt ID	Q9NXR8

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