

## Recombinant Human ING5, His-tagged

Cat. No. ING5-27620TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 2-240 of Human ING5 with N terminal His tag; 239 amino acids, kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-240 a.a.
<b>Description</b>	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 protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in TP53-dependent regulatory pathway.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 71 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids**

ATAMYLEHYLDSIENLPCELQRNFQLMRELDQRTEDKKAE IDILAAEYISTVKTLSPD  
 QRVERLQKIQNAYSCKKEYS DDKVQLAMQTYEMVDKHIRRLDADLARFEADLKDK  
 MEGSDFESSGGRGLKKGRGQKEKRGRSRGRGRRTSEEDTPKXXX HKGGSEFTDTI  
 LSVHPSDVLDMPVDPNEPTYCLCHQVS YGEMIGCDNPDCPIEWFHFACVDLTTKPK  
 GKWFCPRCVQEKRXXX

## GENE INFORMATION

<b>Gene Name</b>	ING5 inhibitor of growth family, member 5 [ Homo sapiens ]
<b>Official Symbol</b>	ING5
<b>Synonyms</b>	ING5; inhibitor of growth family, member 5; inhibitor of growth protein 5; FLJ23842; p28ING5;
<b>Gene ID</b>	84289
<b>mRNA Refseq</b>	NM_032329
<b>Protein Refseq</b>	NP_115705
<b>MIM</b>	608525
<b>Uniprot ID</b>	Q8WYH8
<b>Chromosome Location</b>	2q37.3
<b>Function</b>	metal ion binding; methylated histone residue binding; protein binding; zinc ion binding;

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