

Recombinant Human ING5, His-tagged

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

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 2-240 of Human ING5 with N terminal His tag; 239 amino acids, kDa.
Species	Human
Source	E.coli
ProteinLength	2-240 a.a.
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 protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in TP53-dependent regulatory pathway.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 71 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	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
 QRVERLQKIQNAYSKCKEYS DDKVQLAMQTYEMVDKHIRRLDADLARFEADLKDK
 MEGSDFESSGGRGLKKGRGQKEKRGSRGRGRRTSEEDTPK KKK HKGGSEFTDTI
 LSVHPSDVLDMPVDPNPTYCLCHQVS YGEMIGCDNPDCPIEWFHFACVDLTTKPK
 GKWFCPRCVQEKRRKK

GENE INFORMATION

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

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