



# Recombinant Human Inhibitor of growth protein 5 (ING5)

<b>Product Code</b>	CSB-MP820185HU
<b>Abbreviation</b>	ING5
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8WYH8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATAMYLEHY LDSIENLPCE LQRNFQLMRE LDQRTEKKA EIDILAAEYI STVKTLSPDQ RVERLQKIQN AYSKCKEYSD DKVQLAMQTY EMVDKHIRRL DADLARFEAD LKDKMEGSDF ESSGGRGLKK GRGQKEKRG RGRGRRTSEE DTPKKKKHKG GSEFTDTILS VHPSDVLDM P VDPNEPTYCL CHQVSYGEMI GCDNPDCPIE WFHFACVDLT TKPKGKWFPC RCVQEKRKKK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ING5
<b>Protein Names</b>	Recommended name: Inhibitor of growth protein 5 Alternative name(s): p28ING5
<b>Expression Region</b>	1-240
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.