



Recombinant Human Inhibitor of growth protein 5 (ING5)

Product Code	CSB-EP820185HU
Abbreviation	ING5
Storage	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.
Uniprot No.	Q8WYH8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	E.coli
Target Names	ING5
Protein Names	Recommended name: Inhibitor of growth protein 5 Alternative name(s): p28ING5
Expression Region	1-240
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.