



Recombinant Human Inhibitor of growth protein 4 (ING4)

Product Code	CSB-EP891792HU-B
Abbreviation	ING4
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.	Q9UNL4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAGMYLEHY LDSIENLPFE LQRNFQLMRD LDQRTEDLKA EIDKLATEYM SSARSLSSEE KLALLKQIQE AYGKCKEFGD DKVQLAMQTY EMVDKHIRRL DTDLARFEAD LKEKQIESSD YDSSSSKGKK KGRTQKEKKA ARARSKGKNS DEEAPKTAQK KLKLVRTSPE YGMPSVTFGS VHPSDVLDMP VDPNEPTYCL CHQVSYGEMI GCDNPDCSIE WFHFACVGLT TKPRGKWFCP RCSQERKKK
Source	E.coli
Target Names	ING4
Protein Names	Recommended name: Inhibitor of growth protein 4 Alternative name(s): p29ING4
Expression Region	1-249
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 gene encodes a tumor suppressor protein that 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 the TP53-dependent regulatory pathway. Multiple alternatively spliced transcript variants have been observed that encode distinct proteins.
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,



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