Recombinant Human JmjC domain-containing protein 7 (JMJD7)

Product Code	CSB-MP011955HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C870
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAEAALEAVR SELREFPAAA RELCVPLAVP YLDKPPTPLH FYRDWVCPNR PCIIRNALQH WPALQKWSLP YFRATVGSTE VSVAVTPDGY ADAVRGDRFM MPAERRLPLS FVLDVLEGRA QHPGVLYVQK QCSNLPSELP QLLPDLESHV PWASEALGKM PDAVNFWLGE AAAVTSLHKD HYENLYCVVS GEKHFLFHPP SDRPFIPYEL YTPATYQLTE EGTFKVVDEE AMEKVPWIPL DPLAPDLARY PSYSQAQALR CTVRAGEMLY LPALWFHHVQ QSQGCIAVNF WYDMEYDLKY SYFQLLDSLT KASGLD
Source	Mammalian cell
Target Names	JMJD7
Protein Names	Recommended name: JmjC domain-containing protein 7 Alternative name(s): Jumonji domain-containing protein 7
Expression Region	1-316
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 highly conserved protein with a JmjC domain, which are part of the cupin metalloenzyme superfamily. JmjC proteins may function as 2-oxoglutarate-Fe(II)-dependent dioxygenases. Most tissues also express read-through transcripts from this gene into the downstream phospholipase A2, group IVB (cytosolic) gene, some of which may encode fusion proteins combining the N-terminus of this protein with the phospholipase A2, group IVB protein.
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.