Recombinant Human E3 ubiquitin-protein ligase RNF8 (RNF8)

Product Code	CSB-MP019898HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O76064
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGEPGFFVTG DRAGGRSWCL RRVGMSAGWL LLEDGCEVTV GRGFGVTYQL VSKICPLMIS RNHCVLKQNP EGQWTIMDNK SLNGVWLNRA RLEPLRVYSI HQGDYIQLGV PLENKENAEY EYEVTEEDWE TIYPCLSPKN DQMIEKNKEL RTKRKFSLDE LAGPGAEGPS NLKSKINKVS CESGQPVKSQ GKGEVASTPS DNLDPKLTAL EPSKTTGAPI YPGFPKVTEV HHEQKASNSS ASQRSLQMFK VTMSRILRLK IQMQEKHEAV MNVKKQTQKG NSKKVVQMEQ ELQDLQSQLC AEQAQQQARV EQLEKTFQEE EQHLQGLEIA QGEKDLKQQL AQALQEHWAL MEELNRSKKD FEAIIQAKNK ELEQTKEEKE KMQAQKEEVL SHMNDVLENE LQCIICSEYF IEAVTLNCAH SFCSYCINEW MKRKIECPIC RKDIKSKTYS LVLDNCINKM VNNLSSEVKE RRIVLIRERK AKRLF
Source	Mammalian cell
Target Names	RNF8
Protein Names	Recommended name: E3 ubiquitin-protein ligase RNF8 EC= 6.3.2.- Alternative name(s): RING finger protein 8
Expression Region	1-485
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 contains a RING finger motif and a FHA domain. This protein has been shown to interact with several class II ubiquitin-conjugating enzymes (E2), including UBE2E1/UBCH6, UBE2E2, and UBE2E3, and may act as an ubiquitin ligase (E3) in the ubiquitination of certain nuclear proteins. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
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.