



Recombinant Bovine E3 ubiquitin-protein ligase RNF8 (RNF8)

Product Code	CSB-EP644138BO-B
Abbreviation	RNF8
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.	Q2HJ46
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	MGDPGSLVTE GRAGERSWCL RRVGMNTEWL LLEDGNEVTV GRGFGVTYQL VSKICPLMIS RNHCILKQNA EGQWTIKDNK SLNGVWLNRE RLEPLKVYSI HKGDHIQLGV PLENKENAEY EYEVTEEDWE RIYPCLSPKS DQMMKKNKGL RTRKRFSLDE LEGSGAEGPS NLKSKISKLS CEPGQQVKSH GKGKVASQPS EYLDPKLTSF EPSVKTTGAH VNPGBPAKVE LLRKKKKASN PSASQSSLEL FKVTMSRILM LKTQMQEKKV AVLNKKQTK KGSSKKIVKM EQELQDLQSQ LCAEQAAQQA RVEQLEKTIQ EEQQHLEGLE KEEGEEDLKQ QLAQALQEYR SLVEELNRSK KNFEAIIQAK DKELEQTKEE KEKVQAQKEE VLSHMNDVLE NELQCIICSE YFVEAVTLNC AHSFCSYCIN EWMKRKVECP ICRKDIKSKT RSLVLDNCIS KMVDNLNSEV KERRIVLIRE RKGKRLF
Source	E.coli
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	1-487
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

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