



Recombinant Human E3 ubiquitin-protein ligase RNF4 (RNF4)

Product Code	CSB-MP019889HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P78317
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSTRKRRGGA INSRQAQKRT REATSTPEIS LEAEPIELVE TAGDEIVDLT CESLEPVVVD LTHNDSVVIV DERRRPRRNA RRLPQDHADS CVVSSDDEEL SRDRDVYVTT HTPRNARDEG ATGLRPSGTV SCPICMDGYS EIVQNGRLIV STECGHVFCS QCLRDSLKNA NTCPTCRKKI NHKRYHPIYI
Source	Mammalian cell
Target Names	RNF4
Protein Names	Recommended name: E3 ubiquitin-protein ligase RNF4 EC= 6.3.2.- Alternative name(s): RING finger protein 4 Small nuclear ring finger protein Short name= Protein SNURF
Expression Region	1-190
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 acts as a transcription regulator. This protein has been shown to interact with, and inhibit the activity of, TRPS1, a transcription suppressor of GATA-mediated transcription. Transcription repressor ZNF278/PATZ is found to interact with this protein, and thus reduce the enhancement of androgen receptor-dependent transcription mediated by this protein. Studies of the mouse and rat counterparts suggested a role of this protein in spermatogenesis.
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.