



# Recombinant Human E3 ubiquitin-protein ligase RING2 (RNF2)

<b>Product Code</b>	CSB-YP859101HU
<b>Abbreviation</b>	RNF2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q99496
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SQAVQTNGT QPLSKTWELS LYELQRTPQE AITDGLEIVV SPRSLHSELM CPICLDMLKN TMTTKECLHR FCADCIITAL RSGNKECPTC RKKLVSKRSL RPDPNFDALI SKIYPSRDEY EAHQERVLAR INKHNNQQAL SHSIEEGLKI QAMNRLQRGK KQQIENGSGA EDNGDSSHCS NASTHSNQEA GPSNKRTKTS DDSGLELDNN NAAMAIDPVM DGASEIELVF RPHPTLMEKD DSAQTRYIKT SGNATVDHLS KYLAVRLALE ELRSKGESNQ MNLDTASEKQ YTIYIATASG QFTVLNGSFS LELVSEKYWK VNKPMELYA PTKEHK
<b>Source</b>	Yeast
<b>Target Names</b>	RNF2
<b>Protein Names</b>	Recommended name: E3 ubiquitin-protein ligase RING2 EC= 6.3.2.- Alternative name(s): Huntingtin-interacting protein 2-interacting protein 3 Short name= HIP2-interacting protein 3 Protein DinG RING finger protein 1B Short
<b>Expression Region</b>	2-336
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	Polycomb group (PcG) of proteins form the multiprotein complexes that are important for the transcription repression of various genes involved in development and cell proliferation. This protein is one of the PcG proteins. It has been shown to interact with, and suppress the activity of, transcription factor CP2 (TFCP2/CP2). Studies of the mouse counterpart suggested the involvement of this gene in the specification of anterior-posterior axis, as well as in cell proliferation in early development. This protein was also found to interact with huntingtin interacting protein 2 (HIP2), an ubiquitin-conjugating enzyme, and possess ubiquitin ligase activity.

**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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