

RPG676Hu02 50µg

Recombinant Cereblon (CRBN)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Leu442

Tags: N-terminal His Tag

Subcellular Location: Membrane, Nucleus, Cytoplasm

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 600µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.3

Predicted Molecular Mass: 54.2kDa

Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MAGEGDQQDA	AHNMGHNLPL	LPAESEEEDE	MEVEDQDSKE	AKKPNIINF
TSLPTSHTYL	GADMEEFHGR	TLHDDSDSCQV	IPVLPQVMMI	LIPGQTLPLQ
LFHPQEVSMV	RNLIQKDRTF	AVLAYSNNVQE	REAQFGTTAE	IYAYREEQDF
GIEIVKVKA	GRQRFKVLEL	RTQSDGIQQA	KVQILPECVL	PSTMSAVQLE
SLNKCQIFPS	KPVSREDQCS	YKWWQKYQKR	KFHCANLTSW	PRWLYSLYDA
ETLMDRIKKQ	LREWENLKD	DSLPSNPIDF	SYRVAACLPI	DDVLRIQLLK
IGSAIQRLRC	ELDIMNKCTS	LCCKQCQETE	ITTKNEIFSL	SLCGPMAAYV
NPHGYVHETL	TVYKACNLNL	IGRPSTESHW	FPGYAWTVAQ	CKICASHIGW
KFTATKKDMS	POKFWGLTRS	ALLPTIPDTE	DEISPDKVIL	CL

[IDENTIFICATION]

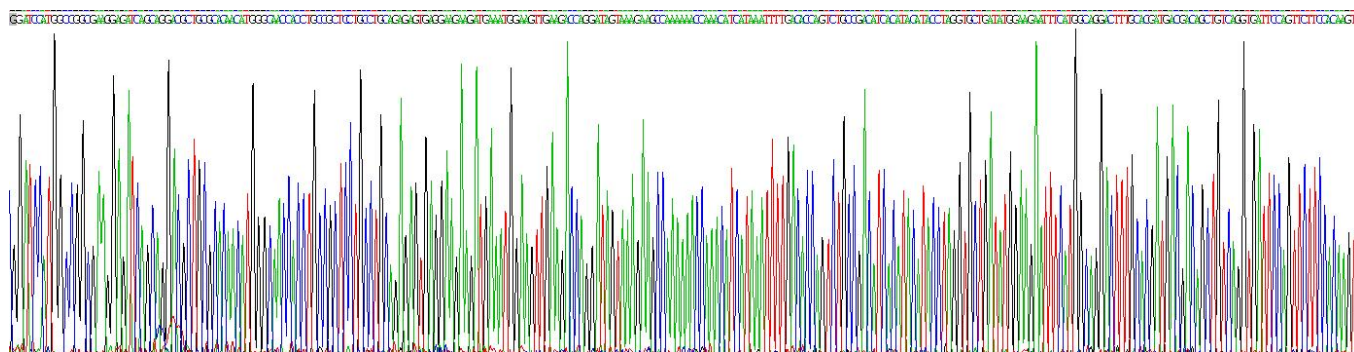


Figure . Gene Sequencing (extract)

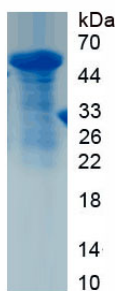


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.